Monday February 11, 1991

Part XII

Environmental Protection Agency

40 CFR Part 300
National Priorities List for Uncontrolled
Hazardous Waste Sites; Final Rule

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 300

[FRL 3903-8]

National Priorities List for Uncontrolled Hazardous Waste Sites

AGENCY: Environmental Protection Agency.

ACTION: Final rule.

SUMMARY: The Environmental Protection Agency ("EPA") is amending appendix B of the National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR part 300, which was originally promulgated on July 16, 1982, pursuant to section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA"). CERCLA has since been amended by the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and is implemented by Executive Order 12580 (52 FR 2933, January 29, 1987). CERCLA requires that the NCP include a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States, and that the list be revised at least annually. The National Priorities List ("NPL"), initially promulgated as appendix B of the NCP on September 8, 1983 (48 FR 40658), constitutes this list and is being revised today by the addition of 6 sites. Based on a review of public comments on these sites, EPA has decided that they meet the eligibility requirements of the NPL and are consistent with the Agency's listing policies. In addition, today's action withdraws the proposal of 8 other sites for inclusion on the NPL. Six sites previously proposed for the NPL have had no final disposition to date. Information supporting these actions is contained in the Superfund Public Dockets.

This rule results in a final NPL of 1,189 sites, 116 of them in the Federal section; no sites remain proposed to the NPL. EFFECTIVE DATE: The effective date for this amendment to the NCP shall be March 13, 1991. CERCLA section 305 provides for a legislative veto of regulations promulgated under CERCLA. Although INS v. Chadha 462 U.S. 919, 103 S. Ct. 2764 (1983), cast the validity of the legislative veto into question, EPA has transmitted a copy of this regulation to the Secretary of the Senate and the Clerk of the House of Representatives. If any action by Congress calls the effective date of this regulation into question, the Agency will publish a

notice of clarification in the Federal Register.

ADDRESSES: Addresses for the Headquarters and Regional dockets follow. For further details on what these dockets contain, see Section I of the "Supplementary Information" portion of this preamble.

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E. Introduction

Background

In 1980, Congress enacted the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. sections 9601-9675 ("CERCLA" or the "Act"), in response to the dangers of uncontrolled hazardous waste sites. CERCLA was amended in 1986 by the Superfund Amendments and Reauthorization Act ("SARA"), Public Law No. 99-499, stat. 1613 et seg. To implement CERCLA, the Environmental Protection Agency ("EPA" or "the Agency") promulgated the revised National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR part 300, on July 16, 1982 (47 FR 31189) pursuant to CERCLA section 105 and Executive Order 12316 (46 FR 42237, August 20, 1981). The NCP, further revised by EPA on September 16, 1985 (50 FR 37624) and November 20, 1986 (50 FR 47912), sets forth guidelines and procedures needed to respond under CERCLA to releases and threatened releases of hazardous substances, pollutants, or contaminants. On March 8, 1990 (55 FR 8666), EPA revised the NCP in response to SARA.

Section 105(a)(8)(A) of CERCLA, as amended by SARA, requires that the NCP include "criteria for determining priorities among releases or threatened releases throughout the United States for the purpose of taking remedial action and, to the extent practicable taking into account the potential urgency of such action, for the purpose of taking removal action." Removal action involves cleanup or other actions that are taken in response to releases or threats of releases on a short-term or temporary basis (CERCLA section 101(23)). Remedial action tends to be long-term in nature and involves response actions that are consistent with a permanent remedy for a release (CERCLA section 101(24)). Criteria for determining priorities for possible remedial actions financed by the Trust Fund established under CERCLA are included in the Hazard Ranking System ("HRS"), which EPA promulgated as appendix A of the NCP (47 FR 31219, July 16, 1982).

On December 14, 1990 (55 FR 51532), EPA finalized revisions to the HRS in response to CERCLA section 105(c), added by SARA. The effective date for these revisions is March 14, 1991. Until this effective date, EPA will continue to use the current HRS in accordance with CERCLA section 105(c)(1) and Congressional intent, as explained in 54 FR 13299 (March 31, 1989).

Based in large part on the HRS, and pursuant to section 105(a)(8)(B) of CERCLA, as amended by SARA, EPA prepared a list of national priorities among the known releases or threatened releases of hazardous substances. pollutants, or contaminants throughout the United States (the "National Priorities List" or "NPL"). The list has been promulgated as appendix B of the NCP. A site may undergo CERCLAfinanced remedial action only after it is placed on the NPL, as provided in the NCP at 40 CFR 300.425(b)(1) (55 FR 8845, March 8, 1990). As CERCLA section 105(a)(8)(b) states, the NPL is a listing of "releases or threatened releases" of hazardous substances, pollutants, or contaminants. For simplicity, the discussion below may refer to these "releases or threatened releases" interchangeably as "releases". "facilities", or "sites".

An original NPL of 406 sites was promulgated on September 8, 1983 (48. FR 40658). Pursuant to CERCLA section 105(a)(8)(B), which requires that the NPL be revised at least annually, the NPL has been updated periodically, most recently on August 30, 1990 (55 FR 35502). The Agency also has proposed adding new sites to the NPL, most recently on October 26, 1989 (54 FR 43778).

EPA may delete sites from the NPL when no further response is appropriate, as provided in the NCP at 40 CFR 300.425(e) (55 FR 8845, March 8, 1990) To date, the Agency has deleted 33 sites from the final NPL, most recently the following four sites are deleted.

The sites to be deleted from the NPL

International Minerals & Chemical Corp. (Terre Haute East Plant) in Terre Haute.

A Notice of Intent to Delete for this site was published September 22, 1989 (54 FR 39009). The closing date for comments on the Notice of Intent to Delete was October 23, 1989. EPA received one comment regarding perpetual monitoring of the site. No change in EPA's intention to delete the site resulted from the comment because the response action eliminated the need for such monitoring. The comment and EPA's response are contained in a Responsiveness Summary available through the Region V Office of Public Affairs (address above).

Petersen Sand & Gravel in Libertyville, Illinois

A Notice of Intent to Delete for this site was published September 22, 1989 (54 FR 39011). The closing date for comments on the Notice of Intent to

Delete was October 23, 1989. EPA received no comments.

Poer Farm in Hancock County, Indiana

A Notice of Intent to Delete for this site was published September 21, 1989 (54 FR 38876). The closing date for comments on the Notice of Intent to Delete was October 23, 1989. EPA received no comments.

Whitehall Municipal Wells in Whitehall, Michigan

A Notice of Intent to Delete for this site was published September 21, 1990 (55 FR 38816). The closing date for comments on the Notice of Intent to Delete was October 30, 1990. EPA received one comment in support of site deletion. The comment and EPA's response are contained in a Responsiveness Summary available through the Region V Office of Public Affairs (address above).

Sites on the NPL may be the subject of Hazardous Substances Superfund (Fund-) financed remedial actions. Any site deleted from the NPL remains eligible for Fund-financed remedial actions in the unlikely event that conditions at the site warrant such action. Section 300.425(e)(3) of the NCP states that sites deleted from the NPL are eligible for further Fund-financed actions should future conditions warrant such action. Deletion of a site from the NPL does not affect responsible party liability or impede agency efforts to recover costs associated with response efforts.

This rule adds 6 sites to the NPL: 14 other sites previously proposed for the NPL are not being added. Of these 14 sites, three have HRS scores below 28.50 based on the information currently available to the Agency, four can be addressed under corrective action authorities of Subtitle C of the Resource Conservation and Recovery Act (RCRA), and one site no longer meets the health advisory criterion on which its proposal was based. The Agency is making no final decision with respect to the other six sites, for reasons discussed elsewhere in this preamble. EPA has carefully considered public comments submitted for the sites in this final rule and has made certain modifications in response to those comments. This rule results in a final NPL of 1,189 sites, 116 of them in the Federal section. These 1,189 sites include 14 sites in the construction completion category as discussed in a notice elsewhere in today's Federal Register.

Information Available to the Public

The Headquarters and Regional public dockets for the NPL (see ADDRESSES

portion of this notice) contain documents relating to the evaluation and scoring of sites in this final rule. The dockets are available for viewing, by appointment only, after the appearance of this notice. The hours of operation for the Headquarters docket are from 9:00 a.m. to 4:00 p.m., Monday through Friday, excluding Federal holidays. Please contact individual Regional dockets for hours.

The Headquarters docket contains HRS score sheets for each final site; a Documentation Record for each site describing the information used to compute the score; pertinent information for any site affected by special study waste or other requirements, or RCRA or other listing policies; a list of documents referenced in the Documentation Record; comments received; and the Agency's response to those comments. The Agency's responses are contained in the "Support Document for the Revised National Priorities List Final Rule—February 1991."

Each Regional docket includes all information available in the Headquarters docket for sites in that Region, as well as the actual reference documents, which contain the data principally relied upon by EPA in calculating or evaluating the HRS scores for sites in that Region. These reference documents are available only in the Regional dockets. They may be viewed, by appointment only, in the appropriate Regional Docket or Superfund Branch Office. Requests for copies may be directed to the appropriate Regional Docket or Superfund Branch. An informal written request, rather than a formal request, should be the ordinary procedure for obtaining copies of any of these documents.

II. Purpose and Implementation of the NPL .

Purpose

The primary purpose of the NPL is stated in the legislative history of CERCLA (Report of the Senate Committee on Environment and Public Works, Senate Rep. No. 96-848, 96th Cong., 2d Sess. 60 (1980)]:

The priority lists serve primarily informational purposes, identifying for the States and the public those facilities and sites or other releases which appear to warrant remedial actions. Inclusion of a facility or site on the list does not in itself reflect a judgment of the activities of its owner or operator, it does not require those persons to undertake any action, nor does it assign liability to any person. Subsequent government action in the form of remedial actions or enforcement actions will be necessary in order to do so.

and these actions will be attended by all appropriate procedural safeguards.

The purpose of the NPL, therefore, is primarily to serve as an informational and management tool. The initial identification of a site for the NPL is intended primarily to guide EPA in determining which sites warrant further investigation to assess the nature and extent of the public health and environmental risks associated with the site and to determine what CERCLA financed remedial action(s), if any, may be appropriate. The NPL also serves to notify the public of sites EPA believes warrant further investigation. Finally... listing a site may, to the extent that potentially responsible parties are identifiable at the time of listing, serve as notice to such parties that the Agency may initiate CERCLA-financed remedial action.

Implementation

A site may undergo remedial action financed by the Trust Fund established under CERCLA ("Superfund") only after it is placed on the final NPL as outlined in the NCP at 40 CFR 300:425(b)(1) (55 FR 8845, March 8, 1990); However, EPA. may take enforcement actions under CERCLA or other applicable statutes against responsible parties regardless of whether the site is on the NPL, although, as a practical matter, the focus of EPA's enforcement actions has been and will continue to be on NPL sites. Similarly, in the case of removal actions, EPA has the authority to act at any site, whether listed or not, that meets the criteria of the NCP at 40 CFR 300:415 (55 FR 8842, March 8, 1990).

EPA's policy is to pursue cleanup of NPL sites using all the appropriate response and/or enforcement actions. available to the Agency, including: authorities other than CERCLA. The Agency will decide on a site-by-site basis whether to take enforcement or other action under CERCLA or other authorities, proceed directly with CERCIA-financed response actions and seek to recover response costs after cleanup, or do both. To the extent feasible, once sites are on the NPL, EPA will determine high-priority candidates for Superfund-financed response action and/or enforcement action through both State and Federal initiatives. These determinations will take into account which approach is more likely to most expeditiously accomplish cleanup of the site while using CERCLA's limited resources as efficiently as possible.

Remedial response actions will not necessarily be funded in the same order as a site's ranking on the NPL—that is, its HRS score. The information collected

to develop HRS scores is not sufficient in itself to determine either the extent of contamination of the appropriate response for a particular site. EPA relies on further, more detailed studies in the remedial investigation/feasibility study (RI/FS) to address these concerns.

The RI/FS determines the nature and extent of the threat posed by the release or threatened release. It also takes into account the amount of contaminants in the environment, the risk to affected populations and environment, the cost to correct problems at the site, and the response actions that have been taken by potentially responsible parties or others. Decisions on the type and extent of action, if any, to be taken at these sites are made in accordance with subpart E of the NCP (55 FR 8839; March 8, 1990). After conducting these additional studies, EPA may conclude that it is not desirable to initiate a CERCLA remedial action at some sites on the NPL because of more pressing needs at other sites, or because a private party cleanup is already underway pursuant to an enforcement action. Given the limited resources available in the Trust Fund, the Agency must carefully balance the relative needs for response at the numerous sites it has studied. It is also possible that EPA will conclude after further analysis that the site does not warrant remedial action.

Revisions to the NPL such as today's rulemaking may move some previously listed sites to a lower position on the NPL. However, if EPA has initiated action such as an RI/FS at a site, it does not intend to cease such actions to determine if a subsequently listed site should have a higher priority for funding. Rather, the Agency will continue funding site studies and remedial actions once they have been initiated, even if higher-scoring sites are later added to the NPL.

RI/FS at Proposed Sites: An RI/FS may be performed at proposed sites (or even sites that have not yet been proposed for the NPL) pursuant to the Agency's removal authority under CERCLA, as outlined in the NCP at 40 CFR 300:425(b)(1) (55 FR 8845, March 8, 1990). Section 101(29) of CERCLA defines "remove" or "removal" to include "such actions as may be necessary to monitor, assess and evaluate the release or threat of release The definition of "removal" also includes "action taken under section. 104(b) of this Act * * ... which authorizes the Agency to perform studies, investigations, and other information-gathering activities.

Although an RI/FS generally is conducted at a site after the site has

been placed on the NPL, in a number of circumstances the Agency elects to conduct an RI/FS at a proposed NPL site in preparation for a possible CERCLA-financed remedial action, such as when the Agency believes that a delay may create unnecessary risks to human health or the environment. In addition, the Agency may conduct an RI/FS to assist in determining whether to conduct a removal or enforcement action at a site.

Facility (Site) Boundaries. The NPL does not describe releases in precise geographical terms, and the agency believes that it would be neither feasible. nor consistent with the limited purpose of the NPL (as the mere identification of releases), for it to do so. CERCLA section 105(a)(8)(B) directs EPA to list national priorities among the known "releases or threatened releases" of hazardous substances. Thus, the purpose of the NPL is merely to identify releases of hazardous substances that are priorities for further evaluation. The names of sites are provided for identification purposes only; the sites are not limited to (or coextensive with) the boundaries of properties that may be refered to in the name. Of course, HRS data upon which listing is based will, to some extent, describe which release is at issue; that is, the NPL site would include (but not be limited to) all releases evaluated as part of that HRS analysis (including noncontiguous releases evaluated under the NPL aggregation policy, see 48 FR 40663 (September 8, 1983)).

Identifying a release or facility on the NPL 1 provides notice that the entire facility will be addressed; the facility includes the source or sources of a contamination and any area where a hazardous substance release has "come to be located" (CERCLA section 101(9)). The listing process is not intended to define or reflect the "boundaries" of such facilities or releases. In fact, CERCLA does not refer to site "boundaries", and that term has little or no legal significance.

The NCP does provide that the nature and extent of the threat presented by a release will be determined by an RI/FS as more information is developed on site contamination (40 CFR 300.430(d)(2) (55 FR 8847, March 8, 1990)). During the RI/FS process, the release may be found to

^{1.} The terms "facility" and "release" are used: interchangeably in CERCLA section 105(a)(6)(B), which establishes the NPL. For ease of reference, EPA also uses the term "site", which is not defined in CERCLA, in referring to a release or facility on the NPL. The term "site" is meant to be synonymous with "facility" or "release" and is not meant to suggest that the listing is geographically defined.

be larger or smaller than was originally known, as more is learned about the source and the migration of the contamination. However, this inquiry focuses on an evaluation of the threat posed; the boundaries of the release need not be defined, and in any event are independent of listing. Moreover, it generally is impossible to discover the full extent of where the contamination "has come to be located" before all necessary studies and remedial work are completed at a site; indeed, the boundaries of the contamination can be expected to change over time. Thus, in most cases, it will be impossible to describe the boundaries of a release with certainty. At the same time, however, the RI/FS or the Record of Decision (which defines the remedy selected) may offer a useful indication to the public of the areas of contamination at which the Agency is considering taking a response action, based on information known at that

For these reasons, the NPL need not be amended if further research into the extent of the contamination expands the apparent boundaries of the release. As discussed above, the NPL is only of limited significance, as it does not assign liability to any party or to the owner of any specific property. See Report of the Senate Committee on Environment and Public Works, Senate Rep. No. 96-848, 96th Cong., 2d Sess. 60 (1980), quoted at 48 FR 40659 (September 8, 1983). If a party wishes to contest liability for releases on discrete parcels of property, it may do so if and when the Agency brings an action against that party to recover costs or to compel a response action at that property.

This view of the NPL as an initial identification of a release that is not subject to constant re-evaluation is consistent with the Agency's policy of not rescoring NPL sites, or as stated in 49 FR 37081, September 21, 1984:

EPA recognizes that the NPL process cannot be perfect, and it is possible that errors exist or that new data will alter previous assumptions. Once the initial scoring effort is complete, however, the focus of EPA activity must be on investigating sites in detail and determining the appropriate response. New data or errors can be considered in that process.* * The NPL series as a guide to EPA and does not determine liability or the need for response.

III. NPL Update Process

There are three mechanisms for placing sites on the NPL. The principal mechanism is the application of the HRS. The HRS serves as a screening device to evaluate the relative potential of uncontrolled hazardous substances to

cause human health or safety problems, or ecological or environmental damage. The HRS score is calculated by estimating risks presented in three potential "pathways" of human or environmental exposure: ground water, surface water, and air. Within each pathway of exposure, the HRS considers three categories of factors "that are designed to encompass most aspects of the likelihood of exposure to a hazardous substance through a release and the magnitude or degree of harm from such exposure": {1} Factors that indicate the presence or likelihood of a release to the environment; (2) factors... that indicate the nature and quantity of the substances presenting the potential threat; and (3) factors that indicate the human or environmental "targets" potentially at risk from the site. Factors within each of these three categories are assigned a numerical value according to a set scale. Once numerical values are computed for each factor, the HRS uses mathematical formulas that reflect the relative importance and interrelationships of the various factors to arrive at a final site score on a scale of 0 to 100. The resultant HRS score represents an estimate of the relative "probability and magnitude of harm to the human population or sensitive environment from exposure to hazardous substances as a result of the contamination of ground water, surface water, or air" (47 FR 31180, July 16, 1982). Those sites that score 28.50 or greater on the HRS are eligible for the NPL.

Under the second mechanism for adding sites to the NPL, each State may designate a single site as its top priority, regardless of the HRS score. This mechanism is provided by section 105(a)(8)(B) of CERCLA, as amended by SARA, which requires that, to the extent practicable, the NPL include within the 100 highest priorities, one facility designated by each State representing the greatest danger to public health, welfare, or the environment among known facilities in the State.

The third mechanism for listing, included in the NCP at 40 CFR 300.425(c)(3) (55 FR 8845, March 8, 1990), has been used only in rare instances. It allows certain sites with HRS scores below 28.50 to be eligible for the NPL if all of the following occur:

• The Agency for Toxic Substances and Disease Registry (ATSDR) of the U.S. Department of Health and Human Services has issued a health advisory that recommends dissociation of individuals from the release.

- EPA determines that the release poses a significant threat to public health.
- EPA anticipates that it will be more cost-effective to use its remedial authority than to use its removal authority to respond to the release.

All of the sites in today's final rule have been placed on the NPL based on their HRS scores.

The EPA Regional Offices have the primary responsibility for screening sites that have been entered into the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), computing HRS scores, and submitting candidate sites to the EPA Headquarters. States often play a major role in this process as well. EPA Regional Offices conduct a quality control review of any candidate sites submitted by the States. EPA Headquarters conducts further quality assurance audits to ensure accuracy and consistency among the various EPA and State offices participating in the scoring. The Agency then proposes the sites that meet one of the three criteria for listing (as well as statutory requirements and EPA's listing policies) and solicits public comment on the proposal. Based on these comments and further review by EPA, the Agency determines final HRS scores and places those sites that still qualify on the final NPL.

IV. Statutory Requirements and Listing Policies

CERCLA restricts EPA's authority to respond to certain categories of releases of hazardous substances, pollutants, or contaminants by expressly excluding some substances, such as petroleum, from the response program. In addition, CERCLA section 105(a)(8)(B) directs EPA to list priority sites among the known releases or threatened releases of hazardous substances, pollutants, or contaminants, and section 105(a)(8)(A) directs EPA to consider certain enumerated and "other appropriate" factors in doing so. Thus, as a matter of policy, EPA has the discretion not to use CERCLA to respond to certain types of releases. Where other authorities exist, placing the site on the NPL for possible remedial action under CERCLA may not be appropriate. Therefore, EPA has chosen to defer certain types of sites from the NPL even through CERCLA may provide authority to respond.

The Agency solicited comment on a policy to expand deferral to other Federal and State authorities (53 FR 51415, December 21, 1988); however, that policy is not currently in effect and has not been applied to sites in this rule. The

Agency has committed not to implement any part of an expanded deferral policy until public and Congressional concerns have been fully reviewed and analyzed, and a decision reached on whether or not to implement such a policy (55 FR

8666, March 8, 1990).

The listing policies and statutory requirements of relevance to this final rule cover sites subject to the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6901-6991i), one radioactive mining waste site licensed by the NRC. and one site listed under the ATSDR criteria. These policies and requirements are explained below. The majority have been explained in previous rulemakings, the latest being August 30, 1990 (55 FR

Releases From Resource Conservation and Recovery Act (RCRA) Sites

On June 10, 1986 (51 FR 21054), EPA announced a decision on components of a policy for the listing on the NPL of several categories of non-Federal sites subject to RCRA Subtitle C corrective action authorities. Under the policy, sites not subject to RCRA Subtitle C corrective action authorities will continue to be placed on the NPL. Examples of such sites include:

 Facilities that ceased treating. storing, or disposing of hazardous waste prior to November 19, 1980 (the effective date of Phase I of the Subtitle C regulations) and to which the RCRA corrective action or other authorities of Subtitle C cannot be applied.

 Sites at which only materials exempted from the statutory or regulatory definition of solid waste or hazardous waste are managed.

 Contamination areas resulting from the activities of RCRA hazardous waste handlers to which RCRA Subtitle C corrective action authorities do not apply, such as hazardous waste generators or transporters, which are not required to have Interim Status or a final RCRA permit.

Further, the policy stated that certain RCRA sites at which Subtitle C corrective action authorities are available also may be listed if they meet the criterion for listing (i.e., an HRS score of 28.50 or greater) and they fall within one of the following categories:

 Facilities whose owners have demonstrated an inability to finance corrective action as evidenced by their invocation of the bankruptcy laws.

 Facilities that have lost authorization to operate, and for which there are additional indications that the owner or operator will be unwilling to undertake corrective action.

· Facilities, analyzed on a case-bycase basis, whose owners or operators have a clear history of unwillingness to undertake corrective action.

On August 9, 1988 (53 FR 30005), EPA announced a policy for determining whether RCRA facilities are unwilling to perform corrective actions, and therefore should be proposed to the NPL. Additionally, on August 9, 1988 [53 FR 30002), EPA requested comment on a draft policy for determining when an owner/operator should be considered unable to pay for addressing the contamination at a RCRA-regulated site; that draft policy is still under review.

On June 24, 1988 (53 FR 23978), EPA announced its intent to list several other categories of RCRA facilities that the Agency considers appropriate for the NPL. These categories are non- or late filers, converters (i.e., facilities whose Part A permits have been withdrawn), protective filers, and sites holding RCRA permits issued before enactment of the Hazardous and Solid Waste Amendments (HSWA) of 1984 (54 FR

41000, October 4, 1989).

In this final rule, EPA is adding to the NPL one site that is subject to RCRA Subtitle C corrective action authorities. This site is being placed on the NPL under the NPL/RCRA policy. This site was originally proposed to be dropped from the NPL (53 FR 23978, June 24, 1988) because it is a treatment and storage facility. This site is now being added to the NPL because the site is a major contributor to an area-wide ground water contamination problem. Although area-wide contamination generally can be addressed by coordinating RCRA and CERCLA, in this instance the combination of overlapping NPL and non-NPL sites, multiple sources of contamination, and the advanced stage of the CERCLA response process make it more appropriate to complete the cleanup under CERCLA. The Agency believes that in these unusual circumstances the transfer of responsibility to RCRA would likely result in the type of duplication of effort and waste of EPA resources the NPL/ RCRA policy was designed to avoid. Specific comments regarding EPA's approach are discussed in the support document accompanying this rule.

In addition, EPA is not listing four sites under the NPL/RCRA policy because they can be addressed under RCRA Subtitle C corrective action authorities. Three of these sites were proposed to be dropped (53 FR 23978, June 24, 1988) because they are subject to RCRA Subtitle C corrective action authorities. The other is a ground water plume where the source can be addressed under Subtitle C corrective

action authorities.

Releases of Radioactive Materials

CERCLA section 101(22) excludes several types of releases of radioactive materials from the statutory definition of "release." These releases are therefore not eligible for CERCLA response actions or the NPL. The exclusions apply to (1) releases of source, by-product, or special nuclear material from a nuclear incident if these releases are subject to financial protection requirements under section 170 of the Atomic Energy Act, and (2) any release of source, byproduct, or special nuclear material from any processing site designated under the Uranium Mill Tailings Radiation Control Act of 1978 (UMTRCA). Accordingly, such radioactive releases have not been considered eligible for the NPL.

As a policy matter, EPA has in general chosen not to list releases of source, byproduct, or special nuclear material from any facility with a current license issued by the NRC, on the grounds that the NRC has full authority to require cleanup of releases from such facilities (48 FR 40658, September 8, 1983). One site in this final rule involves a release from a facility currently licensed by the NRC, but the NRC does not have authority to require cleanup of that release. Since the site cannot be addressed by the NRC, EPA is listing the

Agency for Toxic Substances and Disease Registry (ATSDR) Criteria

EPA is dropping one site originally proposed under the ATSDR criteria. Although ATSDR originally recommended dissociation of individuals from the release because of the health risks at the site, ATSDR no longer believes this is necessary. Since the advisory criterion no longer is met, the site does not meet all conditions necessary for listing and is being dropped.

V. Disposition of Sites in Today's Final Rule

This final rule promulgates 6 sites (Table 1) and removes 14 sites from several proposed rulemakings. These 20 sites are from the following proposed undates:

 Update #1 (48 FR 40674, September 1983): 1 site

 Update #2 (49 FR 40320, October 15, 1984): 11 sites

 Update #5 (51 FR 21099, June 10, 1986): 2 sites

 Update #6 (52 FR 2492, January 22, 1987): 1 site

 Update #7 (53 FR 23988, June 24, 1988): 4 sites

 Update #10 (54 FR 43778, October 26, 1989): 1 site

TABLE 1.—NATIONAL PRIORITIES LIST, NEW FINAL SITES (BY RANK) FEBRUARY 1991

Grade 1	Rank	State	Site Name	City/County
5 8 11 12 13	394 524 575	IL MD CA	Anne Arundel County Landfill Spectra-Physics. Inc.	Salt Lake City. Midvale. DuPage County. Glen Burnie. Mountain View. Mountain View.

Number of New Final Sites: 6

EPA read all comments received on these sites, including late comments. Because of the volume and number of late comments received and the need to make final decisions on currently proposed sites prior to the date that the revised HRS takes effect, EPA was not able to respond to all late comments received for sites in this rule. EPA has responded (in the Support Document) to those comments postmarked no later than October 31, 1988 for sites included in this final rule that were proposed in Updates #1, 2, 5, 6, and 7, and to those comments postmarked no later than February 6, 1990 for sites in this final rule that were proposed in Update #10. (EPA had previously indicated that it may no longer be able to consider late comments (53 FR 23990, June 24, 1988 and, most recently 54 FR 43779, October 26, 1989)). Although EPA has not responded to all late comments, it has read all late comments and endeavored to respond in the Support Document to those late comments that bring to the Agency's attention a fundamental error in the scoring of a site. In addition, the Agency has routinely responded to late comments resulting from EPA correspondence that provided commenters with more recent data or requested that the commenters be more specific in their comments.

Based on the comments received on the proposed sites, as well as investigation by EPA and the States (generally in response to comment), EPA recalculated the HRS scores for individual sites where appropriate. Where the public comments or additional information dropped a score below 28.50, the site has been withdrawn at this time. EPA's response to site-specific public comments and explanations of any score changes made as a result of such comments are addressed in the "Support Document for the Revised National Priorities List Final Rule-February 1990."

RCRA Sites

One site in this final rule is subject to subtitle C corrective action authorities. but the transfer of primary responsibility from CERCLA to RCRA would likely cause delays and inefficiencies that could threaten the remediation of the site. This site is being added to the final NPL consistent with the intent of the NPL/RCRA policy:

 Fairchild Semiconductor Corp. (Mountain View Plant), Mountain View, California

Four sites are not being listed because they can be addressed under Subtitle C corrective action authorities:

- Mesa Area Ground Water Contamination, Mesa, Arizona
- Chemplex Co., Clinton/Camanche,
 - Findett Corp., St. Charles, Missouri
- Burlington Northern Railroad (Somers Tie-Treating Plant), Somers,

Documentation supporting EPA's decisions on these sites is available in the appropriate Support Documents.

Radioactive Release Sites

One site with radioactive releases is being added to the final NPL consistent with the NPL/NRC policy, because although the site may be under NRC jurisdiction, the contamination cannot be addressed by NRC:

◆Kerr-McGee (Kress Creek/West Branch of DuPage River), DuPage County, Illinois

Documentation supporting EPA's decision is available in the appropriate Support Document.

Pesticide Sites

Six of the sites addressed in this rule involve contamination that appears to result, at least in part, from the field application of pesticides registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). The Agency is in the process of developing a general strategy for addressing contamination from agricultural chemicals in ground water under FIFRA. It would be premature to make a final decision on these sites until that broader strategy, and its relationship with the Superfund program, have been determined. Therefore, these six sites are not being added to the NPL at this

- Kunia Wells I, Oahu, Hawaii
- Kunia Wells II, Oahu, Hawaii
- Mililani Wells, Oahu, Hawaii
- Waiawa Shaft, Oahu, Hawaii · Waipahu Wells, Oahu, Hawaii
- · Waipio Heights Wells II, Oahu,
- Hawaii

ATSDR Sites

One site is being dropped because the ATSDR criteria are no longer met:

 Quail Run Mobile Manor, Gray Summit, Missouri

Score Revisions

EPA has revised the HRS scores for 6 sites based on its review of comments and additional information developed by EPA and the States (Table 2). Some of the changes have placed the sites in different groups of 50 sites. For three of these sites, the public comments have resulted in scores below the cut-off of 28.50. Accordingly, these proposed sites are being withdrawn at this time. They may be reconsidered in the future, based on further information.

- Comet Oil Co., Billings, Montana
- Kerr-McGee Corp. (Cushing Plant). Cushing, Oklahoma
- Richardson Flat Tailings, Summit County, Utah

1 1 ... TABLE 2.—SITES WITH HRS SCORE CHANGES

- N		HRS score		
State/site name	Location	Pro- posed	Final	
CA/Spectra- Physics, Inc.	Mountain View	39.92	37.20	
MT/Comet Oil Co.	Billings	48.10	(¹)	
OK/Kerr- McGee Corp. (Cushing	Cushing	31.49	(1)	
Plant). UT/Midvale Slag	Midvale	34.68	42.47	
UT/Richardson Flat Tailings.	Summit County	39.13	(°)	
UT/Wasatch Chemical Co. (Lot 6).	Salt Lake City	63,31	49.91	

Score indeterminate but below 28.50.

¹ Sites are placed in groups (Gr) corresponding to groups of 50 on the final NPL.

VI. Disposition of All Proposed Sites/ Federal Facility Sites

To date, EPA has proposed 10 major updates to the NPL. With this final rule no sites remain in proposed status. Future sites will be evaluated using the revised HRS. The 6 new sites added to the NPL in this rule (Table 1) have been incorporated into the NPL in order of their HRS scores except where EPA modified the order to reflect top priorities designated by the States, as discussed in greater detail in previous rules, the most recent on March 31, 1989 (54 FR 13296).

The NPL appears at the end of this final rule and will be codified as part of Appendix B to the NCP. Sites on the NPL are arranged according to their scores on the HRS. The NPL is presented in groups of 50 sites to emphasize that minor differences in HRS scores do not necessarily represent significantly different levels of risk. Except for the first group, the score range within the groups, as indicated in the list, is less than 4 points. EPA considers the sites within a group to have approximately the same priority for response actions. For convenience, the sites are numbered. Federal facilities are listed separately.

The following three sites previously were placed on the NPL because they met the requirements of the NCP at \$ 300.425[c](3), as explained in section

III of this rule:

Forest Glen Mobile Home
 Subdivision, Niagara Falls, New York
 Radium Chemical Co., Inc., New

York, New York
• Lansdowne Radiation Site,

Lansdowne, Pennsylvania
These sites have HRS scores less than
28.50 and appear at the end of the list.

VII. Regulatory Impact Analysis

The costs of cleanup actions that may be taken at sites are not directly attributable to placement on the NPL, as explained below. Therefore, the Agency has determined that this rulemaking is not a "major" regulation under Executive Order 12291. EPA has conducted a preliminary analysis of economic implications of this amendment to the NCP. EPA believes that the kinds of economic effects associated with this revision generally are similar to those effects identified in the regulatory impact analysis (RIA) prepared in 1982 for the revisions to the NCP pursuant to section 105 of CERCLA and the economic analysis prepared when amendments to the NCP were proposed (50 FR 5882, February 12, 1985). The Agency believes the anticipated economic effects related to

adding these 6 sites to the NPL can be characterized in terms of the conclusions of the earlier RIA and the most recent economic analysis. This rule was submitted to the Office of Management and Budget for review as required by Executive Order 12291.

Costs

EPA has determined that this rulemaking is not a "major" regulation under Executive Order 12291 because inclusion of a site on the NPL does not itself impose any costs. It does not establish that EPA necessarily will undertake remedial action, nor does it require any action by a private party or determine its liability for site response costs. Costs that arise out of site responses result from site-by-site decisions about what actions to take, not directly from the act of listing itself. Nonetheless, it is useful to consider the costs associated with responding to all sites included in this rulemaking.

The major events that follow the proposed listing of a site on the NPL are a search for potentially responsible parties and a remedial investigation/feasibility study (RI/FS) to determine if remedial actions will be undertaken at a site. Design and construction of the selected remedial alternative follow completion of the RI/FS, and operation and maintenance (O&M) activities may continue after construction has been completed.

EPA initially bears costs associated with responsible party searches. Responsible parties may bear some or all the costs of the RI/FS remedial design and construction, and O&M, or

EPA and the States may share costs. Section 104 of CERCLA, as amended, provides that for privately-owned sites, as well as for publicly-owned but not publicly-operated sites, EPA will pay for 100% of the costs of the RI/FS and remedial planning, and 90% of the costs associated with remedial action. The State will be responsible for 10% of the remedial action. For publicly-operated sites, the State cost share is at least 50% of all response costs at the site, including the RI/FS and remedial design and construction of the remedial action selected. After the remedy is built, costs fall into two categories:

 For restoration of ground water and surface water, EPA will share in startup costs according to the criteria in the previous paragraph for 10 years or until a sufficient level of protectiveness is achieved before the end of 10 years.

 For other cleanups, EPA will share for up to 1 year the cost of that portion of response needed to assure that a remedy is operational and functional. After that, the State assumes full responsibilities for O&M.

In previous NPL rulemakings, the Agency estimated the costs associated with these activities (RI/FS, remedial design, remedial action, and O&M) on an average per site and total cost basis. EPA will continue with this approach. using the most recent (1988) cost estimates available; these estimates are presented below. However, there is wide variation in costs for individual sites, depending on the amount, type, and extent of contamination. Additionally, EPA is unable to predict what portions of the total costs responsible parties will bear, since the distribution of costs depends on the extent of voluntary and negotiated response and the success of any costrecovery actions. -

Cost category	Average total cost per site 1
RI/FS	1,300,000
Remedial Design	1,500,000
Remedial Action	* 25,000,000 * 3,770,000

1 1988 U.S. Dollars

* Includes State cost-share * Assumes cost of O&M over 30 years, \$400,000 for the first year and 10% discount rate.

Source: Office of Program Management, Office of Emergency and Remedial Response, U.S. EPA.

Costs to States associated with today's final rule arise from the required State cost-share of: (1) 10% of remedial actions and 10% of first-year O&M costs at privately-owned sites and sites that are publicly-owned but not publiclyoperated; and (2) at least 50% of the remedial planning (RI/FS and remedial design), remedial action, and first-year O&M costs at publicly-operated sites. States will assume the cost for O&M after EPA's period of participation. Using the assumptions developed in the 1982 RIA for the NCP, EPA has assumed that 90% of the 6 non-Federal sites added to the NPL in this rule will be privately-owned and 10% will be Stateor locally-operated. Therefore, using the budget projections presented above, the cost to States of undertaking Federal remedial planning and actions, but excluding O&M costs, would be approximately \$20 million. State O&M costs cannot be accurately determined because EPA, as noted above, will share O&M costs for up to 10 years for restoration of ground water and surface water, and it is not known how many sites will require this treatment and for how long. However, based on past experience, EPA believes a reasonable estimate is that it will share startup costs for up to 10 years at 25% of sites.

Using this estimate, State O&M costs would be approximately \$18 million.

Placing a hazardous waste site on the NPL does not itself cause firms responsible for the site to bear costs. Nonetheless, a listing may induce firms to clean up the sites voluntarily, or it may act as a potential trigger for subsequent enforcement or costrecovery actions. Such actions may impose costs on firms, but the decisions to take such actions are discretionary and made on a case-by-case basis. Consequently, precise estimates of these effects cannot be made. EPA does not believe that every site will be cleaned up by a responsible party. EPA cannot project at this time which firms or industry sectors will bear specific portions of the response costs, but the Agency considers: the volume and nature of the waste at the sites; the strength of the evidence linking the wastes at the site to the parties; the parties' ability to pay; and other factors when deciding whether and how to proceed against the parties.

Economy-wide effects of this amendment to the NCP are aggregations of effects on firms and State and local governments. Although effects could be felt by some individual firms and States. the total impact of this amendment on output, prices, and employment is expected to be negligible at the national level, as was the case in the 1982 RIA.

The real benefits associated with today's amendment placing additional sites on the NPL are increased health and environmental protection as a result of increased public awareness of potential hazards. In addition to the potential for more federally financed remedial actions, expansion of the NPL could accelerate privately-financed. voluntary cleanup efforts. Listing sites

as national priority targets also may give States increased support for funding responses at particular sites.

As a result of the additional CERCLA remedies, there will be lower human exposure to high-risk chemicals, and higher-quality surface water, ground water, soil, and air. These benefits are expected to be significant, although difficult to estimate in advance of competing the RI/FS at these sites.

VIII. Regulatory Flexibility Act Analysis

The Regulatory Flexibility Act of 1980 requires EPA to review the impacts of this action on small entities, or certify that the action will not have a significant impact on a substantial number of small entities. By small entities, the Act refers to small businesses, small government jurisdictions, and nonprofit

organizations.

While modifications to the NPL are considered revisions to the NCP, they are not typical regulatory changes since the revisions do not automatically impose costs. The placing of sites on the NPL does not in itself require any action of any private party, nor does it determine the liability of any party for the cost of cleanup at the site. Further, no identifiable groups are affected as a whole. As a consequence, it is hard to predict impacts on any group. Placing a site on the NPL could increase the likelihood that adverse impacts to responsible parties (in the form of cleanup costs) will occur, but EPA cannot identify the potentially affected business at this time nor estimate the number of small businesses that might be affected.

The Agency does expect that certain industries and firms within industries that have caused a proportionately high percentage of waste site programs could be significantly affected by CERCLA

actions. However, EPA does not expect the impacts from the listing of these 6 non-Federal sites to have a significant economic impact on a substantial number of small businesses.

In any case, economic impacts would occur only through enforcement and cost-recovery actions, which are taken at EPA's discretion on a site-by-site basis. EPA considers many factors when determining what enforcement actions to take, including not only the firm's contribution to the problem, but also the firm's ability to pay.

The impacts (from cost recovery) on small governments and nonprofit organizations would be determined on a similar case-by-case basis.

List of Subjects in 40 CFR Part 300

Air pollution control, Chemicals. Hazardous materials, Intergovernmental relations, Natural resources, Oil pollution, Reporting and recordkeeping requirements, Superfund, Waste treatment and disposal, Water pollution control, Water supply.

Dated: February 6, 1991. Don R. Clay,

Assistant Administrator, Office of Solid Waste and Emergency Response.

PART 300-[AMENDED]

40 CFR part 300 is amended as follows:

1. The authority citation for part 300 is revised to read as follows:

Authority: 42 U.S.C. 9605; 42 U.S.C. 9620; 33 U.S.C. 1321(c)(2); E.O. 11735, 3 CFR, 1971-1975 Comp., p. 793; E.O. 12580, 3 CFR, 1987 Comp.,

2. Appendix B of part 300 is revised to read as set forth below:

BILLING CODE 6560-50-N

Appendix B

National Priorities List (by Rank) February 1991

NPL EPA Rank Reg St Site Name

City/County

Group 1 (HRS Scores 75.60 - 58.54)

.,				AND THE RESERVE
1	02 N	L1	Lipari Landfill	Patman
2		Œ	Tybouts Corner Landfill *	New Castle County
3	03 P	PA	Bruin Lagoon	Bruin Borough
4.		Li	Helen Kramer Landfill	Mantua Township
5		4A -		Voburn
6	. 11 1	L	Price Landfill *	Pleasantville
. 47		Ý	Pollution Abatement Services	Oswego
∛.8		IA	LaBounty Site	Charles City
. 9	03 0	Œ.	Army Creek Landfill	New Castle County
10		LI	CPS/Madison Industries	Old Bridge Township
:11	-	MA	Nyanza Chemical Waste Dump	Ashland
12		IJ	GEMS Landfill	Gloucester Township
₹13		MI.	Berlin & Farro	Swartz Creek
14	01 1	MA.	Baird & McGuire	Holbrook
15		NJ :		Freehold Township
16	01			Somersworth
17	05	M41	FMC Corp. (Fridley Plant)	Fridley
- 4			Vertac, Inc.	Jacksonville
18 19	01	MARK 1:	Keefe Environmental Services	Epping
20		MT	Silver Bow Creek/Butte Area	Sil Bow/Deer Lodge
		SD	Whitewood Creek *	Un i tenood
21			French, Ltd.	Crosby
22	06	I A	FIELDLIA ELGA	Utica
23			Cidata atabasatt mas	Nashua
24			Sycrescei	Upper Merion Twp
- 25			Tysons Dump McAdoo Associates *	McAdoo Borough
. 26		PA		La Marque
27			Motco, Inc. *	Darke County
28		ОН	Arcanum Iron & Metal	East Helena
29	08	MT	East Helena Site Sikes Disposal Pits	Crosby
30	06	TΧ	Triana/Tennessee River	Limestone/Morgan
31	04	AL	Trianay ennessee kiver	Glen Avon Heights
32			Stringfellow * 2000	Gray
<u>``33</u>			McKin Co.	Houston
34	06	TX	Crystal Chemical Co.	Bridgeport
· 35			Bridgeport Rental & Dil Services	Commerce City
36	- +	CO	Sand Greek Industrial	Houston
37		TX	Geneva Industries/Fuhrmann Energy	4 T 3 W 1 1 4 4 1 4 4
38		MA	W.R. Grace & Co Inc (Acton Plant)	Acton New Brighton
39	05	MN	New Brighton/Arden Hills	
40	65	MN:	Reilly Tar (St. Louis Park Plant) *	St. Louis Park
41	02	LИ	Vinetand Chemical Co., Inc.	Vinetand
42	02	NJ	Burnt Fly Bog	Marlboro Township
43	04	FL	Schuylkill Metals Corp.	Plant City
44	03	PA	Publicker Industries Inc.	Philadephia
45	02	NY	Old Bethpage Landfill	Oyster Bay
46	04	FL	Reeves Southeast Galvanizing Corp	Tampa
47	02		Shieldalloy Corp.	Newfield Borough
48	08	MT	Anaconda Co. Smelter	Anaconda
49	10	WA	Western Processing Co., Inc.	Kent
50	05	WI	Omega Hills North Landfill	Germantown
			-	make the same

NPL EPA Rank Reg St Site Name

City/County

Group 2 (HRS Scores 58.41 - 57.80, except for State top priority sites)

51	04	FL	American Creosote (Pensacola Plt)	Pensacola
Śż	02	MJ	Caldwell Trucking Co.	Fairfield
53	02	HY	GE Moreau	South Glen Falls
54	05	IN	Seymour Recycling Corp. *	Seymour
55	04	FL	Peak Oil Co./Bay Drum Co.	Tampa
56	05	OH	United Scrap Lead Co., Inc.	Troy .
57	07	KS	Cherokee County	Cherokee County
		OK	Tar Creek (Ottawa County)	Ottawa County
58 59	02	NJ	Brick Township Landfill	Brick Township
- 60	02			Bound Brook
61	05	NJ		Ionia
62	10	MI	American Anodco, Inc.	Vancouver
63		WA	Frontier Hard Chrome, Inc.	
	05	MI	Janesville Old Landfill	Janesville
64	05	MI	Northernaire Plating	Cadillac
65	04	SC	Independent Nail Co.	Beaufort
66	05	WI	Janesville Ash Beds	Janesville
67	04	SC	Kalama Specialty Chemicals	Beaufort
68	7	IA	Lehigh Portland Cement Co.	Mason City
69	04	FL	Davie Landfill	Davie
70	05	OH	Miami County Incinerator	Troy
71	10	WA	General Electric(Spokane Shop)	Spokane
72	10	WA	ALCOA (Vancouver Smelter)	Vancouver
73	10	ID	Eastern Michaud Flats Contamin	Pocatello
74	09	ΑZ	Tucson International Airport Area	Tucson
75	07	IA	Northwestern States Portland Cem	Mason City :
76	05	WI	Wheeler Pit	La Prairie Township
77	04	FL	Gold Coast Oil Corp.	Miami
78	03	PA	Salford Quarry Gratiot County Landfill * Picillo Farm *	Salford Township
79	05	MI	Gratiot County Landfill	St. Louis
- 80	01	RI	Picillo Farm *	Coventry
81	01	MA	New Bedford Site * Old Inger Oil Refinery *	New Bedford
82	06		Old Inger Oil Refinery *	Darrow
83	05	OH	Chem-Dyne *	Hamilton
84	04	SC		Columbia
85	01	CT	Laurel Park, Inc. *	Naugatuck Borough
- 86	08	co	Marshall Landfill *	Boulder County
87	05	IL	17 · · · · · · · · · · · · · · · · · · ·	Waukegan
88	06	NM		Albuquerque
- 89	01	., .	Pine Street Canal •	Burlington
90	03	ΨV	West Virginia Ordnance *	Point Pleasant
91	07	MO		
92	08	-	Ellisville Site *	Ellisville
		ND	Arsenic Trioxide Site •	Southeastern ND
93	07	ĪΑ	Aidex Corp. •	Council Bluffs
94	05	WI	N.W. Mauthe Co., Inc. *	Appleton
95	04	TN	North Hollywood Dump *	. Memphis
96	04	KY	A.L. Taylor (Valley of Drums) •	Brooks
97	99	GŲ	Ordot Landfill *	Guan
98	04	MS	Flowood Site •	Flowcod
99	08	UT	Rose Park Sludge Pit *	Salt Lake City
100	07	KS	Arkansas City Dump •	Arkansas City

NPL EPA

ank Reg St Site Name

City/County

Group 3 (HRS Scores 57.22 - 52.58)

				1. 2/11/A. C. N. 2/2/2/3
101	09	CA	Operating Industries, Inc. Lndfll	Monterey Park
102	02	NY	Wide Beach Development	Brant
103	09 -	CA	Iron Mountain Mine	Redding
104	02	NJ	Scientific Chemical Processing	Carlstadt
105	60	CO	California Gulch	Leadville
106	02	ИJ	D'Imperio Property	Hamilton Township
107	05	MN	Oakdale Dump	Oakda i e
108	05			Belvidere
109	05	11		Greenup
110	03	PA	Douglassville Disposal	Douglassville
117	05	MN	Koppers Coke	St. Paul
112	01	MA	Plymouth Harbor/Cannon Eng. Corp.	Plymouth
113	10	ID	Monsanto Chemical (Soda Springs)	Soda Springs
114	10	ID	Bunker Hill Mining & Metallurg	Smelterville
115	05	NY	Hudson River PCBs	Hudson River
116		. NJ	Universal Oil Products(Chem Div)	East Rutherford
117	09	CA	Aerojet General Corp.	Rancho Cordova
118	10	WA	Com Bay, South Tacoma Channel	Tacoma
119	,03	PA	Osborne Landfill	Grove City
120	08	UT	Portland Cement (Kiln Dust 2 & 3)	Salt Lake City
121	ુ01	CT	Old Southington Landfill	Southington
122	. 02	NY	Syosset Landfill	Oyster Bay
	.02	NY	Circuitron Corp.	East Farmingdale
124	09	AZ	Nineteenth Avenue Landfill	Phoenix
125	10	OR	Teledyne Wah Chang	ALUGIN
126	10	WA		Kent Wellsville
127	02	NY	Sinclair Refinery	
128	04	AL	Mowbray Engineering Co.	Greenville
129	05	MI	Spiegelberg Landfill	Green Cak Township
130	04	FL	Miami Drum Services	つこう天 やみを 繰り出げた。
131	02	N.J	Reich Farms	Pleasant Plains
132	10	ID	Union Pacific Railroad Co.	South Brunswick
133	02	LN	South Brunswick Landfill	Hatboro
134	03	PA	Raymark	McIntosh
135	04	AL	Ciba-Geigy Corp. (McIntosh Plant)	Tampa
136	04	FL	Kassauf-Kimerling Battery	Wauconda
137	05	IL	Wauconda Sand & Gravel	Muskegon
138	05	MI	Bofors Nobel, Inc.	Bridge City
139		TX	Bailey Waste Disposal	THE ATTENDED
140 >		NH	Ottati & Goss/Kingston Steel Drum	Kingston
141	05	MI	Ott/Story/Cordova Chemical Co.	Dalton Township
142		MI	Thermo-Chem, Inc.	Huskegon
143	09	CA	Brown & Bryant, Inc.(Arvin Plant)	Arvin Newtown
144	03	VA	Greenwood Chemical Co.	Pedricktown
145	02	NJ	NL Industries	Cass Lake
146	05	MN	St. Regis Paper Co.	Island
147		KY	Brantley Landfill	Aberdeen
148		NC	Aberdeen Pesticide Dumps	Woodford
149	01	VT	Burgess Brothers Landfill	Ringwood Borough
150 %	: UZ	ИJ	Ringwood Mines/Landfill	Williamone pologen
				T.P., 1 % 1

NPL EPA Rank Reg St Site Name

City/County

Group 4 (HRS Scores 52.58 - 50.19)

151	04	FL	Whitehouse Oil Pits	Whitehouse
152	04	GA	Hercules 009 Landfill	Brunswick
153	02	NY	Jones Sanitation	Hyde Park
154	01	VT	Parker Sanitary Landfill	Lyndon
155	05	MI	Velsicol Chemical Corp. (Michigan)	St. Louis
156	05	OH		Deerfield Township
157	02	MY	Love Canal	Niagara Falls
158	10	WA	Seattle Mun Lndfil (Kent Hghlnds)	Kent
159 "	``03''	DE		Kent County
160	05	MI	Rockwell International (Allegan)	Allegan
161	05	MN	Pine Bend Sanitary Landfill	Dakota County
162	07	IA		Camanche -
163	05	IL	Beloit Corp.	Rockton
164	05	IN		LaPorte
165	04	FL	Pioneer Sand Co.	Warrington
166	05	MI	Springfield Township Dump	Davisburg
167	03	PA		Buffalo Township
168		NC	Martin-Marietta, Sodyeco, Inc.	Charlotte
169	03	DE		Newport
170	03	PA		Hellertown
171	04	FL	Zellwood Ground Water Contamin	Zellwood
172	05	MI	Packaging Corp. of America	Filer City
173	05	WI	Muskego Sanitary Landfill	Muskego
174	10	ID	Kerr-McGee Chemical(Soda Springs)	Soda Springs
175	05	IN	Whiteford Sales&Ser/Nationalease	South Bend
176	02	NY	Hooker (S Area)	Niagara Falls
177	03		Lindane Dump	Harrison Township
178	08	CÓ	Central City-Clear Creek	Idaho Springs
179	02	NJ	Ventron/Velsicol	Wood Ridge Borough
180	04	FL	Taylor Road Landfill	Seffner
181		RI		Burrillville
182	02	NY		Contland
183	04	SC		Florence
184	02		Maywood Chemical Co.	Maywood/Rochelle Pk
185	02	NJ	1	Millville
186	05		Industrial Excess Landfill	Uniontown
187	09	CA	Industrial Waste Processing	
188	06	OK	Hardage/Criner	Criner
189	05			Rose Township
190	05	MN	Waste Disposal Engineering	Andover
191	02	NY	Liberty Industrial Finishing	Farmingdale
192	02	NJ		Edison Township
193	-	IN	Waste, Inc., Landfill	
194	05	OH	Bowers Landfill	Michigan City Cincleville
195	06	TX	Brio Refining, Inc.	Entandored
196	02	NJ	Cibal Geigy Corp.	Friendswood Toms River
197	05	MI	Butterworth #2 Landfill	
198	02	LN	American Cyanamid Co.	Grand Rapids
199	03	PA	Heleva Landfill	Bound Brook
200	03	PA NJ	· · · · · · · · · · · · · · · · · · ·	North Whitehall Tup
200	40	N.J	Ewan Property	Shamong Township

NPL EPA

Rank Reg St Site Name

City/County

Group 5 (HRS Scores 50.18 - 47.49)

				5 *A 7
201	02	NY	Batavia Landfill	Batavia
202	. 05	IL	Woodstock Municipal Landfill	Woodstock
203	05	MN	Boise Cascade/Onan/Medironics	Fridley
204	05	IL	MIG/Dewane Landfill	Belvidere
205	80	UT	Wasatch Chemical Co. (Lot 6)	Salt Lake City
206	01	RI	Landfill & Resource Recovery	North Smithfield
€ 207	05	MI	Hi-Mill Manufacturing Co.	Highland
208			Butler Mine Tunnel	Pittston
-209	- 04	FL	Northwest 58th Street Landfill	Hiəleah
210	02	NJ.	Delilah Road	Egg Harbor Township
- 211	03	PA	Mill Creek Dump	Erie
212	02		Glen Ridge Radium Site	Glen Ridge
213		NJ	Montclair/West Orange Radium Site	21 18 - A 1
214	0.1	CT	Precision Plating Corp.	Vernon
. 215	04	FL	Sixty-Second Street Dump	Тапра
216	05	MI	G&H Landfill	Utica
217	01	VT	Bennington Municipal Sanitary Lfl	
218	04	NC	Celanese(Shelby Fiber Operations)	and the first till that the first till the first ti
219	02	LN	Metaltec/Aerosystems	Franklin Borough
220	05	WI	Schmalz Dump	Harrison
221	04	TN	Carrier Air Conditioning Co.	Collierville
222	05	MI	Motor Wheel, Inc.	Lansing
223	05	WI	Better Brite Chrome & Zinc Shops	DePere
224	09	CA	Southern Calif Edison (Visalia)	Visalja
225	02	NJ	Lang Property	Pemberton Township
226	06	TX	- · · · · · · · · · · · · · · · · · · ·	Waskom
227	02	NJ	Stewco, Inc.	Parsippany/Troy Hts
- 228	09	CA	Sharkey Landfill Selma Treating Co.	Selma
229	06	LA	Cleve Reber	Sorrento
			Velsical Chemical Corp.(Illinois)	717 MI 2 G C
230	05	IL		Amazonia
231	07	MO	Wheeling Disposal Service Co. Lf	Mancelona Township
232	05	MI	Tar Lake	Town of Johnstown
233	02	NY	Johnstown City Landfill	a like 11 half 4 M
234	04	NC	NC State U (Lot 86, Farm Unit #1)	
235	08	CO	Lowry Landfill	Arapahoe County
236	05	MN	MacGillis & Gibbs/Bell Lumber	New Brighton
237	03	PA	Hunterstown Road	Straban Township
238	03	MD	Woodlawn County Landfill	Woodlawn
239	05	WI	Hechimovich Sanitary Landfill	Williamstown
240	07	IA	Mid-America Tanning Co.	Sergeant Bluff
241	07	HE	Lindsay Manufacturing Co.	Lindsay
242	02	ИJ	Combe Fill North Landfill	Mount Olive Twp
243	01	MA	Re-Solve, Inc.	Dartmouth
244	02	NJ	Goose Farm	Plumstead Township
245	04	TH	Velsical Chem (Hardeman County)	Toone
246	02	NY	York Gil Co.	Moi ra
247	04	FL	Sapp Battery Salvage	Cottondale
248	04	SC		Burton.
249		· NJ	Chemical Leaman Tank Lines, Inc.	Bridgeport
250	05	WI	Master Disposal Service Landfill	Brookfield
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EPA

Reg St Site Name

City/County

Group 6 (HRS Scores 47.46 - 45.91)

				· ,
251	07	KS	Doepke Disposal (Holliday)	Johnson County
252	02	NJ	Florence Land Recontouring Lndfll	Florence Township
253	01	RI	Davis Liquid Waste ·	Smithfield
254	01.	MA.	Charles-George Reclamation Lndfll	Tyngsborough
255	02	NJ	King of Prussia	Winslow Township
256	03	VA	Chisman Creek	York County
257	05	OH.	Nease Chemical	Salem
. 258~	80	CO	Eagle Mine	Minturn/Redcliff
259	02	. NJ.	Chemical Control	Elizabeth
260	04	NC	Charles Macon Lagoon & Drum Stor	Cordova
261	04	\$C	Leonard Chemical Co., Inc.	Rock Hill
262	05	OH	Allied Chemical & Ironton Coke	Ironton
263	05	MI	Verona Well Field	Battle Creek
264	07	MO	Lee Chemical	Liberty
265	01	CT	Beacon Heights Landfill	Beacon Falls
266	04	AL	Stauffer Chem (Cold Creek Plant)	Bucks
267	05	MN	Burlington Northern (Brainerd)	Brainerd/Baxter
268	05	MI	Torch Lake	Houghton County
269	01	RI	Central Landfill	Johnston
270	03	PA	Malvern TCE	Malvern
271	02	NY	Facet Enterprises, Inc.	Elmira
272	03	DE	Delaware Sand & Gravel Landfill	New Castle County
273	03	PA		Nesquehoning
274	04	NC	National Starch & Chemical Corp.	Salisbury
275	03	PA	MW Manufacturing	Valley Township
276	03	VA	C & R Battery Co., Inc.	Chesterfield County
277	04	TN	Murray-Ohio Dump	Lawrenceburg
278	05	IN	Envirochem Corp.	Zionsville
279	05	IN		Gary
280	05	CH	Ormet Corp.	Hannibal
281	05	OH		South Point
282	01	CT	Gatlup's Quarry	Plainfield
283	03	PA	Whitmoyer Laboratories	Jackson Township
284	07	IA	Peoples Natural Gas Co.	Dubuque
285		MO	Oronogo-Duenweg Mining Belt	Jasper County
286	04	FL	Coleman-Evans Wood Preserving Co.	Whitehouse
287	02	NJ	Dayco Corp./L.E Carpenter Co.	Wharton Borough
288	03	PA	Shriver's Corner	Straban Township
289	03		Dorney Road Landfill	Upper Macungie Twp
290	03	PA	Berks Landfill	Spring Township
291	05	IN	Northside Sanitary Landfill, Inc	Zionsville
292	05	IL	Interstate Pollution Control, Inc	Rockford
293	06	AR	Monroe Auto Equip (Paragould Pit)	Paragould
294	06	OK	Oklahoma Refining Co.	Cyril
295	07	IA	E.1. Du Pont (County Rd X23)	West Point
296	09	CA	Pacific Coast Pipe Lines	Fillmore
297	02	NJ	Global Sanitary Landfill	
298	04	FL	Florida Steel Corp.	Old Bridge Township Indiantown
299	03	PA	Occidental Chem/Firestone Tire	
300	03	VA	Culpeper Wood Preservers, Inc.	Lower Pottsgrove Tup
	0.5	**	ampaper accordings to the	Culpeper

NPL EPA

Rank Reg St Site Name

City/County

Group 7 (HRS Scores 45.91 - 43.75)

- 301	05	•	Pagel's Pit	
302	05	I L MN	University Minn Rosemount Res Cen	Rockford Rosemount
303	05	MN		Burnsville
304	05	WI	Freeway Sanitary Landfill Tomah Municipal Sanitary Landfill	Tomah
				4 7 4 S.P. 7 (170) No. 3
305	09 09	AZ	Litchfield Airport Area	Goodyear/Avondale
306		CA	Firestone Tire (Salinas Plant)	Salinas
307	02	NJ	Spence Farm	Plumstead Township
308	06		Mid-South Wood Products	Mena
309	04	MS	Newsom Brothers/Old Reichhold	Columbia
310	09	CA	Atlas Asbestos Mine	Fresno County
311	09	CA	Coalinga Asbestos Mine	Coalinga
312	04	FL	Brown Wood Preserving	Live Oak
313	02	NY	Port Washington Landfill	Port Washington
314	05	IN	Columbus Old Municipal Lndfll #1	Columbus
315	02	NJ		Chester Township
316	02	NJ	JIS Landfill	Jamesburg/S. Brns
317	02	NY	Tronic Plating Co., Inc.	Farmingdale
318	03	PA	Centre County Kepone	State College Bor
319	04	FL	Agrico Chemical Co.	Pensacol a
320	ું 05	OH	Fields Brook	Ashtabula
321	્રે 01	CT	Solvents Recovery Service New Eng.	Southington
322 kg	ି 08	CO	Woodbury Chemical Co.	Commerce City
323	. 02	NJ	Waldick Aerospace Devices, Inc.	Wall Township
324	01	MA	Hocomonco Pond	Westborough
325	04	KY	Distler Brickyard	West Point
326	02	NY	Ramapo Landfill	Ramapo
327	09	CA	Coast Wood Preserving	Ukiah
328	. 09	CA	South Bay Asbestos Area	Alviso
329	°02	NY	Mercury Refining, Inc.	Colonie
330	04	FL	Hollingsworth Solderless Terminal	Fort Lauderdale
331	02	NY	Olean Well Field	Otean
332	04	AL	T.H. Agricul & Nutri (Montgomery)	Montgomery
333	09	CA	Fairchild Semiconduct(S San Jose)	South San Jose
334	10	WA	Pasco Sanitary Landfill	Pasco
335	09	CA	Sulphur Bank Mercury Mine	Clear Lake
336	05	MN	Joslyn Manufacturing & Supply Co.	Brooklyn Center
337	03	PA	York County Solid Waste/Refuse Lf	Hopewell Township
338		wî	Spickler Landfill	Spencer
339		NM	Prewitt Abandoned Refinery	Prewitt
340	08	CO	Denver Radium Site	Denver
341	02	NY	Tri-Cities Barrel Co., Inc.	Port Crane
	03	PA	Route 940 Drum Dump	Pocono Summit
342			Tower Chemical Co.	Clermont
343	04	FL		Muskegon
344	05	MI	Peerless Plating Co.	
345	01	VT	Darling Hill Dump	Lyndon Foster Township
346	03		C & D Recycling	Olara Township
347	04	KY	Fort Hartford Coal Co Stone Gurry	Olaton
348	07	MO		Verona
349		MT	Milltown Reservoir Sediments	Milltown
350	05	MN	Arrowhead Refinery Co.	Hermantown
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NPL EPA Rank Reg St Site Name

City/County ...

Group 8 (HRS Scores 43.70 - 42.33)

351	10	CR	Martin-Marietta Aluminum Co.	The Deller
352	08			The Dalles
353	02	-		Uravan
354	02	LN		Plumstead Township
355	05	MN		South Kearny
356	07	IA		Dak Grove Township
357	07			Charles City
		CA		Richmond
358	09	CA		Malaga
359			Tinkham Garage	Londonderry
360	04	FL	Alpha Chemical Corp.	Galloway
361	02	,		Howell Township
362	01	ME	Saco Tannery Waste Pits	Saco
363	03	PA	River Road Lf/Waste Mngmnt, Inc.	Hermitage
364	02	PR		Rio Abajo
365	04		Pickettville Road Landfill	Jacksonville
366	05	-		Gnadenhutten .
367	01	MA		Billerica
	- 03			Palmerton
369	05	IN	Neal's Landfill (Bloomington)	Bloomington -
370	05	WI	Kohler Co. Landfill	Kohler
371	04	AL	Interstate Lead Co. (ILCO)	Leeds
372	64	FL	Standard Auto Bumper Corp.	Hialeah
373	07	KS	Hydro-Flex Inc.	Topeka
374	09	AZ		Hassayampa
375	06	LA	Gulf Coast Vacuum Services	Abbeville
376	05	11	Tri-County Lf/Waste Mgmt Illinois	South Elgin
377	` 01	MA	Silresim Chemical Corp.	Lowell
378	01	MA	Wells G&H	Woburn
379	01	CT	Nutmeg Valley Road	Wolcott
380	02	NJ	Chemsol, Inc.	Piscataway
381	05	WI	Lauer I Sanitary Landfill	Menomonee Falls
382		MI	Petoskey Municipal Well Field	Petoskey
383	. 05	MN	Union Scrap Iron & Metal Co.	Minneapolis
384	01	MA	Atlant Table Cana	6 • • • •
385	. 02	NJ	Radiation Technology, Inc.	Rockaway Tourshin
386	02	NJ	Fair Lawn Well Field	Fair Lawn
387	05	IN	Main Street Well Field	Elkhart
388	05	MN	Lehillier/Mankato Site	Lehillier/Mankato
389	10	WA	Lakewood Site	Lakewood
390	03	PA	Industrial Lane	Williams Township
391	04	FL		Miami
392	05	IN	Fort Wayne Reduction Dump	Fort Wayne
393		WI	Onalaska Municipal Landfill	Onalaska
394	08		The state of the s	
395	03	PA.	A.I.W. Frank/Mid-County Mustang	Midvale Exton
396	05	Uì	National Presto Industries, Inc.	
397		M t	Monroe Township Landfill	Eau Claire
398	03	DA	Commodore Semi conductor Group	Monroe Township
399	02	N.	Rockaway Borough Well Field	Lower Providence Twp
400	05		Lenz Oil Service, Inc.	Rockaway Township
400	43		tene off dervice, toc.	Lemont

NPL EPA Rank Reg St Site Name

City/County

Group 9 (KRS Scores 42.33 - 41.69)

			· .	
401	05	IM.	Wayne Waste Oil	Columbia City
402	10	WA	Pacific Car & Foundry Co.	Renton
403	07	IA	John Deere (Ottumwa Works Lndfls)	Ottumva
404	03	MO	Mid-Atlantic Wood Preservers, Inc	Harmans
405	03	PA	Novak Sanitary Landfill	South Whitehall Twp
406	05	IN	Himco Dump	Elkhart
407	10	ID.	Pacific Hide & Fur Recycling Co.	Pocatel lo
408	07.	"IA.	Des Moines TCE	Des Moines
409	02	NJ	Beachwood/Berkley Wells	Berkley Township
410	02	NJ	South Jersey Clothing Co.	Minotola
411	02	NY	Vestal Water Supply Well 4-2	Vestat
412	02	PR	Vega Alta Public Supply Wells	Vega Alta
413	03	PA	Avco Lycoming (Williamsport Div)	Williamsport
414	03-	PA	Ohio River Park	Neville Island
415	04	GA-		Fort Valley
416	05	IL	Southeast Rockford Grnd Wtr Con	Reckford 4.1
417	05	IN	Tippecanoe Sanitary Landfill, Inc	Lafayette
418	05	IN	Conrail Rail Yard (Elkhart)	Elkhart
419	05	IN	Galen Myers Dump/Drum Salvage	Osceola
1420 👌	05	MI	Sturgis Municipal Wells	Sturgis
421	· 05.	MI	Barrels, Inc.	Lansing
422	05	MI	State Disposal Landfill, Inc.	Grand Rapids
423	05	MN	Washington County Landfill	Lake Elmo
424	€ 05	MN-	Dakhue Sanitary Landfill	Cannon Fatts
425	06	TX	Odessa Chromium #1	Odessa
426	06	TX	Odessa Chromium #2 (Andrews Hgwy)	Odessa 🚛
-427	07	IA		Cedar Rapids
428	- 07	NE	Wastings Ground Water Contamin	Hastings
429	08	SD	Williams Pipe Line Disposal Pit	Sioux Falls
430	09	ΑZ	Indian Bend Wash Area	Scottsdale/Impe/Phn/
431	09	CA		El Monte
432	09	CA	San Gabriel Valley (Area 2)	Baldwin Park Area
433	09	CA	San Fernando Valley (Area 1)	Los Angeles
434	09	CA-		Los Angeles/Glendale
435	99	CA		Glendale
436	09	CA	T.H. Agriculture & Nutrition Co.	Fresno
437	10	AK		Fairbanks
438	10	WA	Com Bay, Near Shore/Tide Flats	Presce County
439	05	11	LaSalle Electric Utilities	LaSalle
-440	05	ΙĿ	Cross Brothers Pail (Pembroke)	Pembroke Township
441	04	GA	Cedartown: Industries, Inc.	Cedartown
442	04	NC	Jadco-Hughes Facility	Belmont
443	05	I H-	Southside Sanitary Landfill	Indianapolis
444	02	N.J	Monitor Devices/Intercircuits Inc	Wall Township
445	01	VT	BFI Sanitary Landfill(Rockingham)	Rockingham
446	02	PR	Upjohn Facility	Barceloneta
447	04	NC	Koppers Co Inc (Morrisville Pint)	Morrisville
448	08	UT		Midvale
449	09	CA	McColl	fullerton
450	03	PA	Henderson Road	Upper Merion Twp
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NPL EPA Rank Reg St Site Name

City/County

Group 10 (HRS Scores 41.60 - 39.92)

451	02 N	The state of the s	Hicksville
452	10 W	A Colbert Landfill	Colbert
453	06 L		Scotlandville
454	03 P/		Sharon
455	א 20		Glenwood Landing
456	02 PI		Florida Afuera
457	04 N		Barrington
458	03 M	Sand, Gravel & Stone	Elkton
459			Antis/Logan Tups
460	01 C1		Sterling
461		Spartan Chemical Co.	Wyoming
462	02 N.		Florence
463	03 P		Springettsbury Two
464	04 G/	The state of the s	Albany
465	04 TX		Chattanooga
466	02 N.		Vineland
467	09 AZ		Phoenix."
468	01 MA		Groveland
469	02 NY		Massena
470	01 NH		Raymond
471	03 VA	,,,	Buckingham
472	04 SC		Cayce
473	05 MI		Kalamazoo
474	05 MN		Oronoco
475	07 MO		Sikeston
476	05 IN		Vincennes
477	07 MO		Springfield
478	02 NJ	Williams Property	Swainton
479	02 NJ		Edison Township
480	04 NC	FCX, Inc. (Washington Plant)	Washington
481	03 PA		Maitland
482		Cleveland Mill	Silver City
483	05 NT		Bayville
484	02 NJ	the same of the sa	Gibbstown
485	05 IN		Gary
486	03 MD		Abingdon
487	04 SC	Golden Strip Septic Tank Service	Simpsonville
488	04 SC	Rock Hill Chemical Co.	Rock Hill
489		Texarkana Wood Preserving Co.	Texarkana
490	06 AR	Guntley Pit	Edmondson
491	04 FL	Petroleum Products Corp.	Pembroke Park
492	01 RI	Peterson/Puritan, Inc.	Lincoln/Cumberland
493	07 MO		Times Beach
494	05. MI	Wash King Laundry	Pleasant Plains Twp
495	05 MN	Whittaker Corp.	Minneapolis
496	05 WI	Algoma Municipal Landfill	Algoma
497	05 MN	NL Industries/Taracorp/Golden	St. Louis Park
498	09 CA	Westinghouse Elec (Sunnyvale Plt)	Sunnyvale
99	O1 CT	Kellogg-Deering Well Field	Norwalk
500	03 PA	Boarhead Farms	Bridgeton Township
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NPL EPA

Rank Reg St Site Name

City/County

Group 11 (HRS Scores 39.89 - 38.20)

_,					1.25
	501	01	MA	Cannon Engineering Corp. (CEC)	Bridgewater
	502	05	MI	H. Brown Co., Inc.	Grand Rapids
	503	.02	NY	Nepera Chemical Co., Inc.	Maybrook
	504	02	NY	Niagara County Refuse	Wheatfield
	505	04	FL	Sherwood Medical Industries	Detand
	506	09	CA	Western Pacific Railroad Co.	Oroville
	507	04	AL	Olin Corp. (McIntosh Plant)	McIntosh
	508	° 05	MI		Park Township
	509	02	NY	Kentucky Avenue Well Field	Horseheads
	510	.02	NY	Pasiey Solvents & Chemicals, Inc.	Hempstead
	511	06	TX	Sol Lynn/Industrial Transformers	Houston
	512	02 .	. NJ	Asbestos Dump	Millington
	513	04	KY	Lee's Lane Landfill	touisville
	514	05	IL	Kerr-McGee (Reed-Keppler Park)	West Chicago
	515	06	AR	Frit Industries	Walnut Ridge
•	516	05	ΙL	Amoco Chemicals (Joliet Landfill)	Joliet
	517	04	FL	Woodbury Chemical(Princeton Plnt)	Princeton
	518	05	OH	Fultz Landfill	Jackson Township
	519	04	NC	New Hanover Cnty Airport Burn Pit	Wilmington
	520	10	OR	Allied Plating, Inc.	Portland
	521	05	OH	Coshocton Landfill	Franklin Township
	522	09	ΑZ	Apache Powder Co.	St. David
	523	09	NV	Carson River Mercury Site	Lyon/Churchill Cnt
	524	05	IL	Kerr-McGee (Kress Creek)	DuPage County
•	525	03	PA	AMP, Inc. (Glen Rock Facility)	Glen Rock
	526	04	NC	JFD Electronics/Channel Master	Oxford
	527	-04	TN	Arlington Blending & Packaging	Arlington
	528	06	LA	PAB Oil & Chemical Service, Inc.	Abbeville
	529	04	FL	Sydney Mine Sludge Ponds	Brandon
	530	06	NM	Cimarron Mining Corp.	Carrizozo
	531	01	RI	Davis (GSR) Landfill	Glocester
	532	03	PA	Lord-Shope Landfill	Girard Tounship
	533	10	WA	FMC Corp. (Yakima Pit)	Yakima
	534	05	WI	Northern Engraving Co.	Sparta
	535	06	TX	South Cavalcade Street	Houston
	536	01	MA	PSC Resources	Palmer
	537	05	MI	Forest Waste Products	Otisville
	538	03	PA	Drake Chemical	Lock Haven
	539	09	CA	United Heckathorn Co.	Richmond
	540	01	NH	Kearsarge Metallurgical Corp.	Сопнау
	541	04	SC	Palmetto Wood Preserving	Dixiana
	542	05	MI	Clare Water Supply	Clare
	543	06	TX	Tex-Tin Corp.	Texas City
	544	03	PA	Havertown PCP	Haverford
	545	03	DE	New Castle Spill	New Castle County
	546	07	MO	St Louis Airport/HIS/Fut Coatings	St. Louis County
٠	547	08		Idaho Pole Co.	Bozeman
	548	03	DE	NCR Corp. (Milisboro Plant)	Millsboro
	549	05	IN	Lake Sandy Jo (M&M Landfill)	Gary
	550	05	IL	Johns-Manville Corp.	Waukegan
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NPL EPA Rank Reg St Site Name

City/County

Group 12 (HRS Scores 38.20 - 37.63)

551	05	MI	Chem Central	Wyoming Township
552	05			Temperance
553	04		Beulah Landfill	Pensacola
554	05			Windom
555	05	IL		W Chic/DuPage Cnty
556	01	RI		South Kingstown
557	02	NJ	Jackson Township Landfill	Jackson Township
558	05			Granita fitu
559	04	~ K¥	Red Penn Sanitation Co. Landfill **	* Peewee Valley
560	05	MI	K&L Avenue Landfill	Oshtema Township
561	05			Minerva
562	10		Kaiser Aluminum Mead Works	Mead
563	06		Mosley Road Sanitary Landfill	Oklahoma City
564	01	CT	Barkhamsted-New Hartford Landfill	Barkhamsted
565	07	LA	Fairfield Coal Gasification Plant	Fairfield
566	05	MN	Perham Arsenic Site	Perham
567	05	MI	Charlevoix Municipal Well	Charlevoix
568	02	, NJ	Montgomery Township Housing Devel	Montgomery Township
569	02	NJ	Rocky Hill Municipal Well	Rocky Hill Borough
570	02	NJ	Cinnaminson Ground Water Contamin	Cinnaminson Township
571	02	NJ	Chemical Insecticide Corp.	Edison Township
572	02	NY	Brewster Well Field	Putnam County
573	. 02	NY	Vestal Water Supply Well 1-1	Vestal
574	03	DE	Chem-Solv, Inc.	Cheswold
575	03	MO	Anne Arundel County Landfill	Glen Burnie
576	03	PA	Bally Ground Water Contamination	Bally Borough
577	04	FL	Madison County Sanitary Landfill	Madison
578	04	FL	Chemform, Inc.	Pompano Beach
579	04	FL	Wilson Concepts of Florida, Inc.	Pompano Beach
580	04	NC	Bypass 601 Ground Water Contamin	Concord
581	04	NC.	FCX, Inc. (Statesville Plant)	Statesville
582	04	SC	Lexington County Landfill Area	Cayce
583	05	MI	445-4-5 A.	Kalamazoo
584	07	MO	Solid State Circuits, Inc.	Republic
585	07	NE	Waverly Ground Water Contamin	Waverly
586	08	CO	Chemical Sales Co.	Denver
587	08	UT	Utah Power&Light/American Barrel	Salt Lake City
588	09	CA	Advanced Micro Devices, Inc.	Sunnyvale
589	09	CA	Hexcel Corp.	Livermore
590	09	CA.		Salinas
591	10	OR	Union Pacific Railroad Tie Treat	The Dailes
592	10	WA	Hidden Valley Lndfl (Thun Field)	Pierce County
593	10	WA	Yakima Plating Co.	Yakima
594	05	MN	as diagrams and a second	
595	02	NJ	U.S. Radium Corp.	Fáribault
596	05	MI	Carter Industrials, Inc.	Orange
597	06	TX	Highlands Acid Pit	Detroit
598	03	PA	Resin-Disposal	High lands
599	08	MT	Libby Ground Water Contamination	Jefferson Borough
600	04	KY	Newport Dump	Libby
		~ .	manifer a contra	Newport

EPA Reg Rank St Site Name

City/County

Group 13 (HRS Scores 37.63 - 35.94)

				* -
601	04	SC	Sangamo/Twelve-Mile/Hartwell PCB	Pickens
602	03	PA:	,	Eagleville
603	01	NH		. Milford
604	05	MN	LaGrand Sanitary Landfill	LaGrand Township
605	03	PA	Brown's Battery Breaking	Shoemakersville
606	02	NY	SMS Instruments, Inc.	Deer Park
607	05	MI	Hedblum Industries	Oscoda
608	∙ 06~	ΤX	United Creosoting Co.	772007
609	02	NY	Byron Barrel & Drum	Byron
610	05	MI	Bendix Corp./Allied Automotive	-St. Joseph
611	80	WY	Baxter/Union Pacific Tie Treating	Laramie
612	02	NY	Anchor Chemicals	Hicksville
613	05	MI	Waste Management-Mich (Holland)	Holland
614	09	CA	Spectra-Physics, Inc.	Mountain View
615	03	VA	Arrowhead Assoc/Scovill Corp.	Montross
616	03	VA	Atlantic Wood Industries, Inc.	Portsmouth
617	06	TX	North Cavalcade Street	Houston Sayreville
618	02	LH	Sayreville Landfill	Sayreville
619	01	NH	Dover Municipal Landfill	Dover
620	02	NY	Ludlow Sand & Gravel	Clayville
621	03	VA	Saunders Supply Co.	Chuckatück
622	05	WI	City Disposal Corp. Landfill	Dunn
623	02	NJ	Tabernacle Drum Dump	Tabernacle Township
624	07	MO	Minker/Stout/Romaine Creek	Imperial
625	04	KY	Howe Valley Landfill	Howe Valley
626	01	CT	Yaworski Waste Lagoon	Canterbury
627	03	WV	Leetown Pesticide	Leetoun
628	04	SC	Rochester Property	Travelers Rest
629	04	FL	Cabot/Koppers	Gainesville
630	02	NJ	Evor Phillips Leasing	Old Bridge Township
631	03	PA	William Dick Lagoons	West Caln Township
632	05	IN	Douglass Road/Uniroyal, Inc., Lf	Mishawaka
633	03	PA	Lackawanna Refuse	Old Forge Borough
634	06	OK:	Compass Industries (Avery Drive)	Tulsa
635	02	NJ	Mannheim Avenue Dump	Galloway Township
636	05	IN	Neal's Dump (Spencer)	Spencer
637	03	VA	Abex Corp.	Portsmouth
638	02	NY	Fulton Terminals	Fulton
୍ 639	05	MI	Allied Paper/Portage Ck/Kalamaz R	Kalamazoo
640	06	LA	Dutchtown Treatment Plant	Ascension Parish
641	03	PA	Westinghouse Elevator Co. Plant	Gettysburg
642	10	WA	Centralia Municipal Landfill	Centralia
643	01	NH	Auburn Road Landfill	Londonderry
644	03	W	Auburn Road Landfill Fike Chemical, Inc.	Nitro
645	05	MN	General Mills/Henkel Corp.	Minneapolis
646	04	TN		
647	05	OH	Laskin/Poplar Oil Co.	Wrigiey Jefferson Township Rock Creek
ું 648	05	OH	Old Mill	Rock Creek
649	04	SC	Townsend Saw Chain Co.	Pontiac
650	07	KS	Johns' Studge Pond	Wichita
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Group 14 (HRS Scores 35.79 - 35.35)

651	05	WI	Stoughton City Landfill	Stoughton
652	09	CA	Del Norte Pesticide Storage	Crescent City
653	03	VA	Suffolk City Landfill	Suffolk
654	01	VŦ	Tansitor Electronics, Inc.	Bennington
655	02	LK	De Rewal Chemical Co.	Kingwood Township
656	03	PA	Middletown Air Field	Middletown
657	02	NJ	Swope Oil & Chemical Co.	Pennsauken
658	04	GA	Monsanto Corp. (Augusta Plant)	Augusta
659		. NH	South Municipal Water Supply Wellar	Peterborough ···
660	01	ME	Winthrop Landfill	Winthrop
661	03	WV	Ordnance Works Disposal Areas	Morgantown
662	04	GA	Diamond Shamrock Corp. Landfill	Cedartown
663	05	OH	Zanesville Well Field	Zanesville
664	01	CŦ	Cheshire Ground Water Contamin	Cheshire -
665		- NY	Suffern Village Well Field	Village of Suffern
666	02	NY	Endicott Village Well Field	Village of Endicot
667	03	DE		Doyer
668		PA		Scott Township
669	03	PA	North Penn - Area 1	Souderton
670	03	PA	North Penn - Area 7	North Wales
671	03	PA	North Penn · Area 6	Lansdale
672	03	PA	North Penn · Area 2	Hatfield
673	03	PA	North Penn - Area 5	Montgomery Townshi
674	04	FL	Harris Corp. (Palm Bay Plant)	Palm Bay
675	05	IL	DuPage Cty Ldf/Blackwell Forest	Warrenville
676	05	MN	Kummer Sanitary Landfill	Bemidji
677	05	OH	Sanitary Landfill Co. (IWD)	Dayton
678	05	MI	Eau Claire Municipal Well Field	Eau Claire
679	06	NM I	, -9	Los Lunas
680	07	MO	Valley Park TCE	Valley Park
681	09	CA	San Fernando Valley (Area 4)	Los Angeles
682	09	CA	Monolithic Memories	Sunnyvale
683	09	CA	National Semiconductor Corp.	Santa Clara
684	09	CA	Fresno Municipal Sanitary Lndfll	Fresno
685	. 09	CA	Newmark Ground Water Contamin	San Bernardino
686	04	GA	Powersville Site	Peach County
687	05	IW	Grand Traverse Overall Supply Co.	Greilickville
688	05	MI	Metamora Landfill	Metamora
	02		Niagara Mohawk Power(Saratoga Sp)	Saratoga Springs
690	03		Standard Chlorine of Delaware, Inc	Delaware City
691	05	MN	South Andover Site	Andover
692	02	MJ	Diamond Alkali Co.	Newark
693	05	IN	Carter Lee Lumber Co.	Indianapolis
694	01	NH	Fletcher's Paint Works & Storage	Milford
695	03	VA	Avtex Fibers, Inc.	Front Royal
696	05	MI		Kentwood
697	05	MI	Electrovoice .	Buchanan
698	09	CA	Jasco Chemical Corp.	Mountain View
699	02	NY	Katonah Municipal Well	Town of Bedford
700	04	FL	B&B Chemical Co., Inc.	Hialeah

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Group 15 (HRS Scores 35.35 - 34.21)

701	07	KS	29th & Mead Ground Water Contamin	Wichita
702	09		Teledyne Semiconductor	Mountain View
703	02	PR		Jobos
704	04			Lake Park
705	03		Dixie Caverns County Landfill	Salem
706	05			Marion
707	05		Pristine, Inc.	Réading
708		NI.	Mid-State Disposal, Inc. Landfill	Cleveland Township
709	04	TN	American Creosote (Jackson Plant)	Jackson
710	05	IL	Kerr-McGee (Sewage Treat Plant)	West Chicago
711	08		Broderick Wood Products	Denver
712	02	NY	C & J Disposal Leasing Co. Dump	Hamilton
713	05	OH	Buckeye Reclamation	St. Clairsville
714	02	NY	Preferred Plating Corp.	Farmingdale
715	06	TX	Bio-Ecology Systems, Inc.	Grand Prairie
716	08	UT	Monticello Rad Contaminated Props	Monticello
717	02	NJ	Woodland Route 532 Dump	Woodland Township
718	05	IN		Griffith
719	01	MA	Salem Acres	Salem
720	02	NY	Richardson Hill Road Lndfll/Pond	Sidney Center
721	01	VT		Springfield
722	03		Bell Landfill	Terry Township
723	02		Solvent Savers	Lincklaen
724	03	VA	U.S. Titanium	Piney River
725	05	IL	Galesburg/Koppers Co.	Galesburg
726	09	CA	J.H. Baxter & Co.	Weed
727	02		Hooker (Hyde Park)	Niagara Falls
728		MI	SCA Independent Landfill	Muskegon Heights
729	02	NY	Action Anodizing, Plating Polish	Copiague
730	09	CA	MGM Brakes	Cloverdale
731	06	LA	Bayou Sorrel Site	Bayou Sorrel
732	05	IL	H.O.D. Landfill	Antioch
733	05	MI	Duell & Gardner Landfill	Dalton Township
734	10	WA	Mica Landfill	Hica
735	02	NJ	Ellis Property	Evesham Township
736	04	KY		Jefferson County
737	09	CA	Waste Disposal, Inc.	Santa Fe Springs
738	10	WA	Harbor Island (Lead)	Seattle
739	05	WI	Lemberger Transport & Recycling	Franklin Township
740	05	KO	E.H. Schilling Landfill	Hamilton Township
741	05	MI	Cliff/Dow Dump	Marquette
742	02	NY	Clothier Disposal	Town of Granby
743	03		Ambler Asbestos Piles	Ambler
744	10		Queen City Farms	Maple Valley
745	02		Curcio Scrap Metal, Inc.	Saddle Brook Twp
746	03	VA	L.A. Clarke & Son	Spotsylvania County
747	05	WI	Scrap Processing Co., Inc.	Medford
748	03	MD	Southern Maryland Wood Treating	Hol Lywood
749	04	KY	Caldwell Lace Leather Co., Inc.	Auburn
750	05	IL	Itada Energy Co.	East Cape Girardeau
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Group 16 (HRS Scores 34.21 - 33.74)

751	05	IL	Adams County Quincy Landfills 2&3	Quincy
752	05	IM		Muskegon
753	05		Sauk County Landfill	Excelsion
754	06	NM		Milan
755	06	TX		Friendswood
756	09	CA		Porterville
757	05	MI	Muskegon Chemical Co.	Whitehall
758	04	FL		Cantonment
759	05	"MI		Pere Marquette Twp
760	05	MI	Cemetery Dump	Rose Center
761	07	IA		Red Oak
762		IN	Lakeland Disposal Service, Inc.	Claypool
763	02	NJ	Hopkins Farm	Plumstead Township
764	04	NC	Cape Fear Wood Preserving	Fayetteville
765	01	RI	Stamina Mills, Inc.	North Smithfield
766	05	WI	Lemberger Landfill, Inc.	Whitelaw .
767	05	IN	Reilly Tar (Indianapolis Plant)	Indianapolis
768	01	ME	Pinette's Salvage Yard	Washburn
769	01	CT	Durham Meadows	Durham
្ច 770	03	DE	Tyler Refrigeration Pit	Smyrna
771	05	MI	Kysor Industrial Corp.	Cadillac
772	09	ÇA	Lorentz Barrel & Drum Co.	San Jose
773	02	NJ	Wilson Farm	Plumstead Township
774	02	NY	Conklin Dumps	Conklin
.775	03	PA	Old City of York Landfill	Seven Valleys
776	03	PA	Modern Samitation Landfill	Lower Windsor Twp
777	05	ΙL	Byron Salvage Yard	Byron
778	05	MI	North Bronson Industrial Area	Bronson
779	03	PA	Stanley Kessler	King of Prussia
780	04	SC	Helena Chemical Co. Landfill	Fairfax
781	07	MO	Kem-Pest Laboratories	Cape Girardeau
782	02	NJ.	Imperial Oil/Champion Chemicals	Morganville
783	02	NJ	Cosden Chemical Coatings Corp.	Beverty:
784	05	MN	St. Augusta San Lndfil/Engen Dump	
785	02	NJ	Myers Property	St. Augusta Township
786	02	NJ	Repe Field	Franklin Township
787	04	KY	Tri-City Disposal Co.	Boonton .
788	10	WA	Northwest Transformer	Shepherdsville
789			Genzale Plating Co.	Everson
790	05	IM	Albion-Sheridan Township Landfill	Franklin Square
791	05	WI		Albion
792	06	LA	Sheboygan Harbor & River	Sheboygan
793	05	HI	Combustion, Inc.	Denham Springs
794	03	MA.	Ossineke Ground Water Contamin	Ossineke
795			Foliansbee Site	
796	03 04	PA	Keystone Sanitation Landfill	Union Township
797		NC	Carolina Transformer Co.	Fayetteville
	02	NY	Carroll & Dubies Sewage Disposal	Port Jervis
798	02	NY	North Sea Municipal Landfill	North Sea
799	03	PA:	Bendix Flight Systems Division	Bridgewater Township
800	07	IA	Farmers: Mutual Cooperative	Hospers

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Group 17 (HRS Scores 33.73 - 32.89)

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801	09	CA	Koppers Co Inc (Oroville Plant)	Oroville
802	09.	CA	Louisiana-Pacific Corp.	Oroville
803	01	CT	Linemaster Switch Corp.	Hoodstock
804	03	V٨	H & H Inc., Burn Pit	Farrington
805	05	MI	South Macomb Disposal (Lf 9 & 9A)	Macomb Township
806	05	MI	U.S. Aviex	Howard Township
807	07	IA	Sheller-Globe Corp. Disposal	Keokuk
808	03	PA"	Walsh Landfill	Honeybrook Township
809	02	NJ	Landfill & Development Co.	Mount Holly
810	02	NJ.	Upper Deerfield Township San Lndf	Upper Deerfield Twp
811	02	NY	Hertel Landfill	Plattekill
812	02	NY	Haviland Complex	Town of Hyde Park
813	02	ΝÝ	Malta Rocket Fuel Area	Maitz
814	02	NY	Jones Chemicals, Inc.	Catedonia
815	03	DE	Kent County Landfill (Houston)	Houston >
-816	03	PA	Saegertown Industrial Area	Saegertown
817	04	GA	Cedartown Municipal Landfill	Cedartown
818	05	MI	Kent City Mobile Home Park	Kent City
819	05	MH	Adrian Municipal Well Field	Adrian .
820	06	NH	AT & SF (Clovis)	Cloyis
821	07	KS	Strother Field Industrial Park	Couley County
822	07	KS	Obee Road	Hutchinson
823	09	CA	CTS Printex, Inc.	Mountain View
824	02	LN		East Brunswick Twp
825	02	NY	American Thermostat Co.	South Cairo
826	08	ND	Minot Landfill	Minot
827	03	DE	Koppers Co., Inc. (Newport Plant)	Newport
828	04	TN	Lewisburg Dump	Lewisburg
829	05	MI	McGraw Edison Corp.	Albion **
830	02	NJ	Lodi Municipal Well	Lodi Com
831	02	NY	Goldisc Recordings, Inc.	Hotbrook
832	02	NY	Islip Municipal Sanitary Landfill	Islip
833	09	CA	Sola Optical USA, Inc.	Petaluma
834	04	KY	Airco	Calvert City
835	03	PA		Philadelphia
836	05	11	Yeoman Creek Landfill	Waukegan -
837	92	NY	Sarney Farm	Amenia 🐷
838	05	MI	Folkertsma Refuse	Grand Rapids
839	.03	DE	Sealand Limited	Mount Pleasant
840	01	MA	Rose Disposal Pit	Lanesboro
841	05	OH	Van Dale Junkyard	. Marietta:
842	80	MT	Montana Pole and Treating	Butte
843	04	NC	Geigy Chemical Corp(Aberdeen Plt)	Aberdeen
844	04	KY	B.F. Goodrich	Calvert City
845	04	KY.	General Tire/Rubber(Mayfield inf)	Mayfield
846	04	SC	Para-Chem Southern, Inc.	Simpsonville
847	.05	MI	Organic Chemicals, Inc.	Grandville Bohemia
848	02	NY	BioClinical Laboratories, Inc.	Bohemia
849	02	NY	Volney Municipal Landfill	Town of Volney
850	02	NY	FMC Corp. (Dublin Road Landfill)	Town of Shelby
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NPL EPA

City/County

Group 18 (HRS Scores 32.87 - 31.94)

851	05	WI	Tomah Fairgrounds	Tomah
852	01	MA	Sullivan's Ledge	New Bedford
853	04	KY	Smith's Farm	Brooks
854	05	WI	Madison Metro Sewer District Lag	Blooming Grove
855	10	WA	North Market Street	Spokane
856	10	OR	Joseph Forest Products	Joseph
857	02	PR	Juncos Landfill	Juncos
858	67	KS	Big River Sand Co.	Wichita
859	05	IN	Bennett Stone Quarry	Bloomington
. 860	10	WA	Wyckoff Co./Eagle Harbor	Bainbridge Island
861	04	SÇ	Beaunit Corp(Circular Knit & Dye)	Fountain Inn
862	02		Industrial Latex Corp.	Wallington Borough
863	04	£1	Munisport Landfill	North Miami
864	06	LA	D.L. Mud, Inc.	Abbeville
865	04	AL	Stauffer Chem (LeMoyne Plant)	Axis
පීරර	02	LH.		Asbury Park
867	06	TX.		Crystal City
868	04	SC	Geiger (C & M Oil)	Rantoules
869	03	PA	Paoli Rail Yard	Paoli
870	05	WI	Moss-American(Kerr-McGee Oil Co.)	Milwaukee
871	05	WI	Waste Research & Reclamation Co.	Eau Claire
872	10	GR	Gould, Inc.	Portland
873	01	ME	Union Chemical Co., Inc.	South Hope
874	02	NY	Cortese Landfill	Vil of Narrowsburg
875	08	WY	Mystery Bridge Rd/U.S. Highway 20	Evansville
876	09	CA	Montrose Chemical Corp.	Torrance
877	05	MN	St. Louis River Site	St. Louis County
878	05	MI	Auto Ion Chemicals, Inc.	Kalamazoo
879	03	PA	Recticon/Allied Steel Corp.	East Coventry Twp
. 880	05	WI	Hagen Farm	Stoughton
881	04	SC	Carolawn, Inc.	fort Lawn :
- 882	07	IA	Midwest Manufacturing/North Farm	Kellogg
883	03	PA	Berks Sand Pit	Longswamp Township
884	69	CA	Valley Wood Preserving, Inc.	Turlock
885	03	PA	Butz Landfill	Stroudsburg
886	04	FL	City Industries, Inc.	Orlando
887	05	MI	Sparta Landfill	Sparta Township
888	. 05	IL 9	Acme Solvent (Morristown Plant)	Morristown
889	01	NH	mental control of the manual matter controls	Londonderry
890	02	EH	Pomona Oaks Residential Wells	Galloway Township
891	02	NY	Rowe Industries Ground Water Cont	Noyack/Sag Harbor
892	03	PA	Hebelka Auto Salvage Yard	Weisenberg Township
893	04	FL	Hipps Road Landfill	Duval County
894	05	HH.	Long Prairie Ground Water Contam	Long Prairie
895	05	MN	Waite Park Wells	Waite Park
896	07	NE	Nebraska Ordnance Plant (Former)	Mead
897	09	CA	Applied Materials	Santa Clara
898	09	CA	Intel Magnetics	Santa Clara
899	09	CA	Irtel Corp. (Santa Clara III) TPW Microwave, Inc (Building 825)	Santa Clara
900	09	CA	TPW Microwave, Inc (Building 825)	Sunnyvale
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NPL EPA Rank Reg St Site Name

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Group 19 (HRS Scores 31.94 - 30.94)

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	901	09	CA		Santa Clara
	902	09	CA	Advanced Micro Devices(Bldg. 915)	Sunnyvale
	903	04	FL	Pepper Steel & Alloys, Inc.	Mediey
	904	02	NY.	Mattiace Petrochemical Co., Inc.	Glen Cove
	905	01	ME	O'Connor Co.	Áugusta
	906	05	WI	Oconomowoc Electroplating Co. Inc	Ashippin
	907	05	IN	Continental Steel Corp.	Kokomo
	908	05	MI	Rasmussen's Dump	Green Cak Township
	909	02	NY	Kenmark Textile Corp.	Farmingdale
	910	04	FL	Wingate Road Munic Incinerat Dump	Fort Lauderdale
	911	03	PA	Westline Site	Westline
	912	04	KY	Maxey Flats Nuclear Disposal	Hillsboro
	913	Û4	NC	Benfield Industries, Inc.	Hazelwood
	914	80	MT	Mouat Industries	Columbus
	915	05	MI	J & L Landfill	Rochester Hills
	916	02	NY	Claremont Polychemical	Old Bethpage
	917	05	CH	Powell Road Landfill	Dayton
	918	03	PA	Croydon TCE	Croydon
	919	04	SC	Medley Farm Drum Dump	Gaffney
	920	04	SC	Elmore Waste Disposal	Greer
	921	07	IA	Vogel Paint & Wax Co.	Orange City
	922	05	MN		Eridley
	923	05	OH	Reilly Tar & Chemical(Dover Pint)	Dover
	924	05	MI	Parsons Chemical Works, Inc.	Grand Ledge
	925	03	PA	Revere Chemical Co.	Nockanixon Township
	926	05	MI	Ionia City Landfill	Ionia
	927	06	TX	Koppers Co Inc (Texarkana Plant)	Jexarkana
	928	08	CO	Lincoln Park	Canon City
	929	.08	CO	Smuggler Mountain	Pitkin County
	930	05	IN	Wedzeb Enterprises, Inc.	Lebanon
	931	02	PR	GE Wiring Devices	Juana Diaz
	932	07	MO	Missouri Electric Works	Cape Girardeau
	933	05	MI	Avenue "E" Ground Water Contamin	Traverse City
	934	05	OH	New Lyme Landfill	New Lyme
	935	02	NJ	Woodland Route 72 Dump	Woodland Township
	936	02	PR	RCA Del Caribe	Barceloneta
	937	05	MN	Koch Refining Co./N-Ren Corp.	Pine Bend
	938	04	FL	Piper Aircraft/Vero Beach Wtr&Swr	Vero Beach
	939	03	PA	Brodhead Creek	Stroudsburg
	940	05	WI	Fadrowski Drum Disposal	Franklin
	941	10	OR	United Chrome Products, Inc.	Corvailis
	942	04	FL	Anodyne, Inc.	North Miami Beach
	943	04	FL	Anaconda Aluminum/Milgo Electron	Miami
	944	03	PA	Eastern Diversified Metals	Hometown
	945	05	MI	Anderson Development Co.	Adrian
	946	05	WI	Hunts Disposal Landfill	Caledonia
	947	05	MI	Shiawassee River	Houell
	948	06	GK		Oklahoma City
	949	10	AK	Alaska Battery Enterprises	Fairbanks N Star Bor
	950	03	PA	Taylor Borough Dump	Taylor Borough
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NPL EPA Rank Reg St Site Name

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Group 20 (HRS Scores 30.93 - 29.94)

951	04	TN	Murray-Ohio Mfg (Horseshoe Bend)	Lawrenceburg
952	03	DE	Halby Chemical Co.	New Castle
953	02	NJ	Higgins Disposal	Kingston
954	84	AL	Redwing Carriers, Inc. (Saraland)	Saraland
955	06	OK		Oklahoma City
956	04	GA	Mathis Bros Lf (S Marble Top Rd)	Kensington
957	03	DE	Harvey & Knott Drum, Inc.	Kirkwood
958	04	TN	Gallaway Pits	Gallaway
959	05	OH	Big D Campground	Kingsville
960	06	AR	Midland Products	Ola/Birta
961	02	NY	Robintech, Inc./National Pipe Co.	Town of Vestal
962	02	NY	BEC Trucking	Town of Vestal
963	03	PA	Strasburg Landfill	Newlin Township
964	06	OK	Fourth Street Abandoned Refinery	Oklahoma City
965	02	НJ	Witco Chemical Corp. (Oakland Plt)	Caktand
966	05	WI	Tomah Armory	Tomah
967	03	DE	Wildcat Landfill	Dover
968		MI	Burrows Sanitation	Hartford
969		PA	Blosenski Landfill	West Cain Township
970	03	VA	Rhinehart Tire Fire Dump	Frederick County
971	10	WA	Northwest Transformer(S Harkness)	Everson
972	03	DE	Delaware City PVC Plant	Delaware City
973	03	MD	Limestone Road	. Cumbert and
974	02	NY		Niagara Falls
975	02	NJ.	Higgins Farm	Franklin Township
976	10	WA	American Crossarm & Conduit Co.	Chehalis
977	96	NM	United Nuclear Corp.	Church Rock
978	03	VA	Rentokil, Inc. (VA Wood Pres Div)	Richmond
979	06	AR		Fort Smith
980	. 09	CA		Hoopa
981	01	MA	Haverhill Municipal Landfill	Haverhill
982	04	AL	Pendido Ground Water Contamin	Perdido
983 984	02		Marathon Battery Corp.	Cold Springs
	02	NY	Colesville Municipal Landfill	Town of Colesville
985 986	04	FL	Yellow Water Road Dump	Baldwin
	04	GA	Marzone Inc./Chevron Chemical Co.	Tifton
987 988	05	OH		West Chester
989	03 04	VA	First Piedmont Quarry (Route 719)	Pittsylvania County
990	05	NC	Chemtronics, Inc.	Swannanoa
991	05	IN	MIDCO II	Gary
992	05	MI	Cannelton Industries, Inc.	Sault Sainte Harie
993		TX	Sheridan Disposal Services	Hempstead
994	07 03	KS	Pester Refinery Co.	El Dorado
995	03		Kane & Lombard Street Drums	Baltimore
996	04	MO	Shenandoah Stables	Moscow Mills
997		GA		Albany
	07	IA		Charles City
998 999	03	PA		Denver
223	10	WA		Loomis
JUG	06	TX	Petro-Chemical (Turtle Bayou)	Liberty County

NPL EPA Rank Ræg St Site Name

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Group 21 (HRS Scores 29.88 - 28.90)

1001	G4	NC	Hevi-Duty Electric Co.	Goldsboro
1002	05	OH.	Republic Steel Corp. Quarry	Elyria
1003	07	MO	Conservation Chemical Co.	Kansas City
1004	07	MO	Westlake Landfill	Bridgeton
1005	05	MN	Ritari Post & Pole	Sebeka
1006	03	LA	Bayou Bonfouca	Slidell
1007	09	CA	Fairchild Semiconduct (Mt View)	Mountain View
1008	09	CA	Intel Corp. (Mountain View Plant)	Mountain View
1009	09	CA.,		Mountain View
1010	09	CA	Hewlett-Packard(620-40 Page Mill)	Palo Alto
1011	05	MN	Agate Lake Scrapyard	Fairview Townshi
1012	85	MI	Adam's Plating	Lansing
1013	06	AR	Jacksonville Municipal Landfill	Jacksonville
1014	06.	AR	Rogers Road Municipal Landfill	Jacksonville
1015		VA	Saltville Waste Disposal Ponds	Saltville
1016	01	ME	•	Saco
1017	04	SC	Palmetto Recycling, Inc.	Columbia
1018	01	MA	Shpack Landfill	Norton/Attleboro
1019	03	PA	Kimberton Site	Kimberton Boroug
1020	04	TN	Mallory Capacitor Co.	Waynesboro
1021	01	MA	Norwood PCBs	Norwood
1022	02	NY	Warwick Landfill	Warwick
1023		NY	Sidney Landfill	Sidney
1024		NY	Sealand Restoration, Inc.	Lisbon
1025	10	WA	Old Inland Pit	Spokane
1026	10	WA	Pesticide Lab (Yakima)	Yakima
1027	05	ΙN	Lemon Lane Landfill	Bloomington
1028	05	I N	Tri-State Plating	Columbus
1029	10	ID	Arrcom (Drexter Enterprises)	Rathdrum
1030	01	NH	Coakley Landfill	Northallampton
1031	04	NC	Potter's Septic Tank Service Pits	Maco
1032	04	KY	Green River Disposal, Inc.	Maceo
1033	04	NC	ASC One Hour Cleaners	Jacksonville
1034	03	PA	Fischer & Porter Co.	Warminster
1035	03	PA	Elizabethtown Landfill	Elizabethtown
1036	05	IL	Central Illinois Public Serv Co.	Taylorville
1037	06	AR	Arkwood, Inc.	Omana *
1038	09	CA	Jibboom Junkyard	Sacramento
1039	02	NJ	A. O. Polymer	Sparta Township
1040	05	WI	Waysau Ground Water Contamination	Wausau
1041	02	NJ	Dover Municipal Well 4	Dover Township
1042	02	NJ	Rockaway Township Wells	Rockaway
1043	02	NJ	Pohatcong Valley Ground Water Con	Warren County
1044	02	NJ	Garden State Cleaners Co.	Minotola
1045	03	DE	Sussex County Landfill No. 5	Laurel
1046	03	PA	North Penn - Area 12	Worcester
1047	03	PA	Dublin TCE Site	Dublin Borough
1048	05	WI	Delavan Municipal Well #4	Delavan
1049	65	WI	Waste Management (Brookfield Lfl)	Brookfield
1050	07	MO	North-U Drive Well Contamination	Springfield
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City/County

Group 22 (HRS Scores 28.90 - 28.50 , except for health-advisory sites)

1051	07	NE	10th Street Site	Cotumbus
1052	89	CA	San Gabriel Valley (Area 3)	Alhambra
1053	09	CA	San Gabriel Valley (Area 4)	Le Puente
1054	09	CA		Scotts Valley
1055	09	CA	Intersil Inc./Siemens Components	Cupertino
1056	09	CA		Modesto
1057	10	WA	American Lake Gardens	Тесопа
1058	10	WA	Greenacres Landfill	Spokane County
1059	10		Northside Landfill	Spokane
1060	06	OK	Sand Springs Petrochemical Emptx	Sand Springs
1061	06	TX	Pesses Chemical Co.	Fort Worth
1062	05	MI	Metal Working Shop	- Lake Ann
1063	05	MN	East Bethel Demolition Landfill	East Bethel Township
1064	96	TX	Triangle Chemical Co.	Bridge City
1065	02	NJ		Jersey City
1066	03	PA	Craig Farm Drum	Parker
1067	- 05	IL.	Belvidere Municipal Landfill	Belvidere
1068	. 07	MO		
1069		PA	CryoChem, Inc.	Worman
1070	02	LH	Kauffman & Minteer, Inc.	Jobstown
1071	03	PA	Lansdowne Radiation Site	Lansdowne
1072	02	NY	Forest Glen Mobile Home Subdivis	Niagara Falls
1073	02	NY	A 10 A 1 A 11 A	New York City
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Number of NPL Sites:

⁼ State top priority site

	PL 1	St	Site Name	City/County
				
	1	WA	Hanford 200-Area (USDOE)	Benton County
	1	WA -		Benton County
	1	CO	Rocky Flats Plant (USDOE)	Golden
	1	CA	Riverbank Army Ammunition Plant	Riverbank
4	1	.MM 🦏	Cal West Metals (USSBA)	Lemitar
3	1	MO	Weldon Spring (USDOE/Army)	St. Charles County
	2	co	Rocky Mountain Arsenal	Adams County
	2	TN	Milan Army Ammunition Plant	Milan
	2	CA	McClellan AFB (Ground Water Cont)	Sacramento
	2-	PA	Naval Air Develop Center(8 Areas)	Warminster Township
		ОН	Wright-Patterson Air Force Base	Dayton
	2	ID	Mountain Home Air Force Base	Mountain Home
á	2	OH	Feed Materials Prod Cent (USDOE)	Fernald
i no	2 2 3		and the second of the second o	
¥.	3	WA	Bangor Naval Submarine Base	Silverdale
	3	UT	Tooele Army Depot (North Area)	Tooele
	3	WA	Bonneville Power Adm Ross (USDOE)	Vancouver
	3	MD	Aber Prov Ground-Edgewood Area	Edgewood
	4	ID	Idaho National Engin Lab (USDOE)	Idaho Falls
	4	AL	Anniston Army Depot (SE Ind Area)	Anniston
	4	GA	Robins AFB (Lndfll #4/Sludge Lag)	Houston County
	4	TN	Oak Ridge Reservation (USDOE)	Oak Ridge
	4	NE	Cornhusker Army Ammunition Plant	Hall County
	4	NJ	Naval Air Engineering Center	Lakehurst
	•	2.0		•
	5	UT	Hill Air Force Base	Ogden
2	5	CA	Treasure Island Nav Sta-Hun Pt An	San Francisco
	5	AK	Eielson Air Force Base	Fairbanks N Star Bor
	5	SC	Savannah River Site (USDOE)	Aiken
	5	WA	Naval Air Sta, Whid Is (Ault)	Whidbey Island
		,	, , , , , , , , , , , , , , , , , , , ,	
	6	NJ	W.R. Grace/Wayne Int Stor (USDOE)	Wayne Township
* 4	6.	WA	Hanford 100-Area (USDOE)	Benton County
	6	AK	Standard Steel&Met Sal Yd (USDOT)	Anchorage
	6	MA	Otis Air Nat Guard/Camp Edwards	Falmouth
	•	TITE	Corner and Company and Company	
	7	AK	Elmendorf Air Force Base	Greater Anchorage Bo

¹ Sites are placed in groups (Gr) corresponding to groups of 50 on the final NPL

NPL Gr ₁	St	Site Name	City/County
7	UT	Ogden Defense Depot	Ogden
7	GA	Marine Corps Logistics Base	Albany
. 7	CA	Sacramento Army Depot	Sacramento
. 8	IL	Sangamo/Crab Orchard NWR (USDOI)	Carterville
8	ME	Brunswick Naval Air Station	Brunswick
8	CO	Air Force Plant PJKS	Waterton
8	NJ	Picatinny Arsenal	Rockaway Township
· 8	FL	Homestead Air Force Base	Homestead
8	AK	Fort Wainwright	Fairbanks N Star Bor
· . 8	FL	Pensacola Naval Air Station	Pensacola . Ansali Dennis
. •			grafice of the malifications
9	CA	Sharpe Army Depot	Lathrop 1 1 114 Angles
, ģ	MA	Fort Devens	Fort Devens
§ 9	OK	Tinker AFB (Soldier Cr/Bldg 3001)	Oklahoma City
9	CA		Livermore of the comment
9	CA	Fort Ord	Marina A A A A A A A A A A A A A A A A A A A
9	WA	•	
9	IL	McChord AFB (Wash Rack/Treatment)	Savanna
9	ملاط	Savanna Army Depot Activity	Savaima
10	NY	Brookhaven National Lab (USDOE)	· Upton
10	TX	Air Force Plant #4 Gener Dynamics	Fort Worth
10	1.4	All roice rland #4 dener bynamics	role worth
11	ТX	Longhorn Army Ammunition Plant	Karnack
11	CA	Norton Air Force Base	
11	NJ		San Bernardino
		Federal Aviation Admin Tech Cent	Atlantic County
11	WA	Naval Air Sta, Whid Is (Seaplane)	Whidbey Island
11	NH	Pease Air Force Base	Portsmouth/Newington
11	NM	Lee Acres Landfill (USDOI)	Farmington
11	WY	F.E. Warren Air Force Base	Cheyenne
12	CA	Castle Air Force Base	Merced
12	AZ	Luke Air Force Base	Glendale
12	AZ	Williams Air Force Base	Chandler
12	PA	Tobyhanna Army Depot	Tobyhanna
12	CA	Barstow Marine Corps Logist Base	Barstow
- 13	PA	Letterkenny Army Depot (PDO Area)	Franklin County
13		El Toro Marine Corps Air Station	El Toro
13		Fort Dix (Landfill Site)	Pemberton Township
13		Tracy Defense Depot	Tracy
13	AL		Childersburg

	NPL			•
	Gr ₁	St	Site Name	City/County
	13	CT	New London Submarine Base	New London
	13	WA	Hanford 1100-Area (USDOE)	Benton County
	13	DE	Dover Air Force Base	Dover
	13	UT	Monticello Mill Tailings (USDOE)	Monticello
	b1, .			11011011001110
	14	MA	Fort Devens-Sudbury Training Ann	Middlesex County
•	14	NY		Romulus
	14	WA	Fort Lewis Logistics Center	Tillicum
	,	,		100
	15	IL	Joliet Army Ammu Plant (LAP Area)	Joliet
	15	. OH		Miamisburg
	15	RI	Davisville Naval Constr Batt Cent	North Kingstown
	15	ME	Loring Air Force Base	Limestone
	15	PR	Naval Security Group Activity	Sabana Seca
	16	PA	Letterkenny Army Depot (SE Area)	Chambersburg
	16	NY		Rome
	16	VA	Defense General Supply Center	Chesterfield County
	16	KS	Fort Riley	Junction City
	16	WA		Tacoma
	16	CA	Camp Pendleton Marine Corps Base	San Diego County
	17	MO	Lake City Army Plant (NW Lagoon)	Independence
	17	MN	Twin Cities Air Force(SAR Lndfll)	Minneapolis
	17	CA	Edwards Air Force Base	Kern County
	17	SD	Ellsworth Air Force Base	Rapid City
	17	CA	George Air Force Base	Victorville
_	. 17	WA	Naval Undersea Warf Sta (4 Areas)	Keyport
	17	NC	Camp Lejeune Military Reservation	Onslow County
	18	RI	Newport Naval Educat/Training Cen	Newport
	18	ΑZ		Yuma
	. 18	FL		Jacksonville
	- 18	IL	Joliet Army Ammu Plant (Mfg Area)	Joliet
	18	FL	Cecil Field Naval Air Station	Jacksonville
	.18	WA	Fairchild Air Force Base(4 Areas)	Spokane County
	-19	CA	March Air Force Base	Riverside
	19	TX		Texarkana
	19	CA		Livermore
	19	OR		Hermiston
	19	MD		Aberdeen

NPL					
G	r ₁	St	Site Name	City/County	
				-	
2	0	MN	Naval Industrial Reserve Ordnance	Fridley	
2	0	WA	Bangor Ordnance Disposal	Bremerton	
	0	NY	Plattsburgh Air Force Base	Plattsburgh	
2	0	LA	Louisiana Army Ammunition Plant	Doyline	
2	0	MO	Weldon Spring Form Army Ord Works	St. Charles County	
2	1	TA.	Tarra Assessa Assessa 22		
	1 .		Iowa Army Ammunition Plant	Middletown	
-	1	NJ	Naval Weapons Stat Earle (Site A)	Colts Neck	
			Travis Air Force Base	Solano County	
2	1	CA	Moffett Naval Air Station	Sunnyvale	
2	2 .	CA	Mather Air Force Base	Caaramanta	
	2	HI	Schofield Barracks	Sacramento Oahu	
				Canu	
N	umbe	r of	NPL Federal Facility Sites:	116	
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